

TERRORISM IN SOUTH AMERICA

AMERICAN

MAY 1990 VOL.12 NUMBER 5
\$2.95 In Canada \$3.50 U.K. £2.65



ICD
08039

SURVIVAL

The Magazine of Self Reliance

GUIDE



**THIS .45
RANGER LITE**



**DROWNING
PREVENTION**

**MAN TRACKING
TECHNIQUES**

**ASG ARTICLES
INDEX: 1986-1989**



ANTS:
**Stinging/
Biting Predators**

**SOLAR
ELECTRICITY:**
**Energy
Independence**

OUTBACK BOWIE

GERBER
LEGENDARY BLADES
A Fiskars Company



Retail \$150.00
#GB5979
Your Discount Price **\$99.95**

Cutlery Shoppe Exclusive

- ✓ Classic 9 1/2" American Bowie Blade
- ✓ Stout 5/16" Thick Blade, Full Tang
- ✓ 425 High Carbon Stainless, Rc 53-56
- ✓ "Coffin-Shaped" Kraton Handle
- ✓ Blackened Blade, Guard & Lanyard
- ✓ Black Cordura Sheath Included

EK BOWIE



- ✓ Full Tang 6 7/8" Blade
- ✓ Triple Riveted Micarta Grips
- ✓ Proudly Made In The U.S.A.
- ✓ Razor Sharp "Right Out Of The Box"
- ✓ Nylon Web Sheath Included

Retail \$179.00
#EKMS
Your Discount Price **\$124.95**

More EK Knives...	RETAIL	YOUR PRICE
#EKSF5-PARAGRIP BOWIE, 6 7/8" blade.....	\$159.00	\$94.95
#EKMA-M-4 COMMANDO, 6 5/8" blade.....	\$159.00	\$119.95
#EKSF3-S-F COMMANDO, 6 5/8" blade.....	\$109.00	\$79.95

More EK knives in stock.

AL MAR 4 x 4 TOOL



Retail \$135.00
#AM5001
Your Discount Price

\$119.95

- ✓ Based On The WWII OSS Escape Knife
- ✓ AM-6 Stainless Steel Construction
- ✓ Tools Include: Wire Cutter/Pliers, Phillips Screwdriver, Plain Edge Blade, Serrated Blade, File/Standard Screwdriver & Lanyard
- ✓ Rugged Black Nylon Sheath Included
- ✓ A Superb, Quality Tool

More Al Mar...	RETAIL	YOUR PRICE
#AM4009-ALASKAN BOWIE, 12" blade.....	\$250.00	\$225.00
#AM4011-PATHFINDER, 14" blade.....	\$250.00	\$225.00
#AM3001A-SERE I, 2 3/4" blade.....	\$92.00	\$82.95
#AM3002A-SERE II, 3 1/4" blade.....	\$114.50	\$103.95
#AM3003A-SERE-ATTACK, 4" blade.....	\$195.00	\$175.95

More Al Mar knives in stock.

BALI-SONG



Retail \$39.95
#BM239
Introductory Price

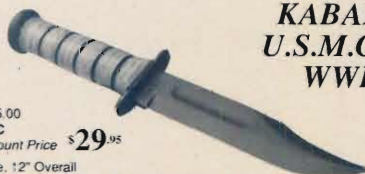
\$29.95

- ✓ Full Size 4 1/4" Wee-Hawk Blade
- ✓ Stainless Steel Blade - Made In U.S.A.
- ✓ Skeletonized Stainless Steel Handles
- ✓ Finally, An Authentic Bali-Song, At An Affordable Price!

More Benchmade...	RETAIL	YOUR PRICE
#BM120-DELTA RAIDER, 7" blade.....	\$99.95	\$79.95
#BM150-BUSHMASTER, 9 3/4" blade.....	\$90.00	\$69.95

More Benchmade Knives in stock.

KABAR U.S.M.C. WWII



Retail \$45.00
#KBUSMC
Your Discount Price

\$29.95

- ✓ 7" Blade, 12" Overall
- ✓ Authentic Replica Of The WWII Marine Corps Knife
- ✓ High Carbon Parkerized Blade, Guard & Buttcap
- ✓ Authentic Brown Leather Sheath Included
- ✓ A Fantastic Buy On A Classic Combat Knife!

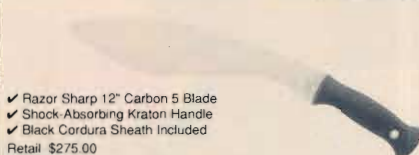
COLD STEEL MASTER HUNTER



- ✓ New From Cold Steel
- ✓ 4 1/2" Stainless Steel Blade
- ✓ Full Tang - Lanyard Hole
- ✓ Kraton Handle & Integral Guard
- ✓ Black Cordura Sheath

Retail \$60.00
#CSMHS
Your Discount Price **\$47.95**

"A.T.C." KUKRI COLD STEEL



- ✓ Razor Sharp 12" Carbon 5 Blade
- ✓ Shock Absorbing Kraton Handle
- ✓ Black Cordura Sheath Included

Retail \$275.00
#CSATCC
Your Discount Price **\$219.95**

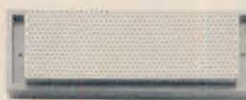
TANTO	RETAIL	YOUR PRICE
#CSMAT-MASTER, 5 3/4" blade.....	\$200.00	\$159.95
#CSRTN-ORIGINAL, 5 3/4" blade.....	\$150.00	\$119.95
TRAILMASTER BOWIE		
#CSBWC-KRATON, CARBON 5, 9 1/2" blade.....	\$225.00	\$179.95
#CSSBOW-STAG, 9 1/2" blade.....	\$275.00	\$219.95
PUSH KNIVES		
#CSUSK-URBAN SKINNER, 2 1/2".....	\$65.00	\$51.95
#CSTRM-TERMINATOR, 3 3/4" blade.....	\$85.00	\$67.95
SHINOBU FOLDERS		
#CSLGS-LARGE, 3 1/2" blade.....	\$85.00	\$67.95
#CSMDS-MEDIUM, 2 5/8" blade.....	\$65.00	\$51.95

More Cold Steel knives in stock.

D.M.T. DIAMOND STONE

- ✓ 6" Diamond Stone With Redwood Base & Cover
- ✓ Choice Of Fine, Coarse or X-Coarse

Retail \$43.50
#DMTW6
Your Discount Price **\$32.95**



More D.M.T. Sharpeners...	RETAIL	YOUR PRICE
#DMTW8-8" STONE (F.C. or X.C.).....	\$71.00	\$52.95
#DMTW12-12" STONE (F.C. or X.C.).....	\$99.00	\$74.95
#DMTDS12-12" DIAMOND BUTCHER STEEL.....	\$44.00	\$32.95

More DMT products in stock.

LANSKY DIAMOND KIT



Retail \$90.00
#LSDMD
Your Discount Price **\$49.95**

- ✓ "Footproof" Sharpening System
- ✓ Diamond Stones For Quick Sharpening
- ✓ Fine, Medium, Coarse & X-Coarse Stones
- ✓ Includes Carrying Case, Guides & Clamp

More Lansky...	RETAIL	YOUR PRICE
#LSTD-STANDARD KIT (3 STONE).....	\$33.00	\$24.95
#LSDLX-DELUXE KIT (5 STONE).....	\$48.00	\$36.95
#LSCAMP-"C" CLAMP.....	\$20.00	\$13.95

More Gerber...	RETAIL	YOUR PRICE
#GB5930-PREDATOR, 9" blade.....	exclusive	\$149.95
#GB5925-BMF w/out teeth, 9" blade.....	\$215.00	\$149.95
#GB5705-MARK II WASP 6 1/2" blade.....	exclusive	\$89.95
#GB5700-MARK II, 6 1/2" blade.....	\$90.00	\$62.95
#GB5600-MARK I, 5" blade.....	\$75.00	\$52.95
#GB5850-GUARDIAN I, 5" blade.....	exclusive	\$49.95
#GB5800-GUARDIAN, 3 3/8" blade.....	\$64.00	\$44.95
#GB7049-PARABELLUM, 4 1/4" blade.....	\$75.00	\$44.95

Fantastic selection of Gerber knives in stock!

AIR-SOG



- ✓ 3 1/4" Blade, 7 1/4" Open
- ✓ Checkered Zytel Grips
- ✓ Ambidextrous Thumb Stud Opener
- ✓ AUS8-A High Carbon Stainless, Rc 57-58
- ✓ Nylon Belt Sheath Included

Retail \$40.00
#SSAIR
Your Discount Price **\$29.95**

More SOG Knives...	RETAIL	YOUR PRICE
#SSTC-TOMCAT, 3 1/2" blade.....	\$90.00	\$69.95
#SSWR2-SOGWINDER 2, 3 1/2" blade.....	\$90.00	\$69.95
#SSTC2-SOG TECH 2, 7" blade.....	\$120.00	\$89.95
#SSTGS-TIGERSHARK, 9" blade.....	\$140.00	\$109.95

More SOG knives in stock.



PUMA MEDICI



- ✓ 3" Pumaster Steel Blade
- ✓ Select India Sambar Stag Handles
- ✓ Nickel Silver Double Bolsters & Pommel
- ✓ Unique Floating Guard
- ✓ Handmade By Solingen Craftsmen

Retail \$210.00
#PM563
Your Discount Price **\$126.99**

More Puma...	RETAIL	YOUR PRICE
#PM375-WHITE HUNTER, 6" blade.....	\$235.00	\$141.00
#PM386-PUMA BOWIE, 6 1/2" blade.....	\$192.00	\$115.20
#PM397-HUNTER'S PAL, 4" blade.....	\$136.00	\$86.40

More Puma knives in stock.



SWISSCHAMP



- ✓ Rightly Nicknamed "The Pocket Toolbox"
- ✓ Twenty-Nine Tools In All
- ✓ The Granddaddy Of Swiss Army Knives
- ✓ Weight 6.5 ounces

Retail \$80.00
#SA5070
Your Discount Price **\$54.95**

More Swiss Army knives in stock.

SPYDERCO POLICE CLIPIT



- ✓ Fast One-Hand Opening!
- ✓ Handy Pocket Clip
- ✓ G-2 Stain Resistant Steel Blade
- ✓ Awesome Spyder Edge Serrations
- ✓ 4 1/4" Blade, 5 1/4" Closed

Retail \$87.00
#SP1007
Your Discount Price **\$69.95**

WE STOCK THE COMPLETE SPYDERCO LINE AT DISCOUNT PRICES.

LEATHERMAN TOOL



- ✓ Made In U.S.A.
- ✓ 25 Year Warranty
- ✓ 4" Closed - 5 Ounces
- ✓ 100% Stainless Steel
- ✓ Full Size-Full Strength
- ✓ Includes Cordura Sheath

Retail \$58.00
#LT101
Your Discount Price **\$39.50**

We also stock Leatherman Tools with a black finish as well as military versions which include a blasting cap crimper

**Cutlery
Shoppe**

TOLL FREE ORDER LINE:

1-800-231-1272

FOR INFORMATION CALL: 1-208-376-0430



Federal Express Shipping
Available. Call For Details.

We're open for your ordering convenience Mon-Fri 8-6, Sat 9-5 Mountain Time

Mail orders send to: CUTLERY SHOPPE
Dept AG 5461 Kendall Street, Boise, IDAHO 83706

Get our full color catalog for great deals on the top knife brands. Send \$1 or call 1-208-376-0430 to get your copy. PLEASE, do not call the "800" number as we reserve these lines for customers placing orders (catalog free with knife purchase).

SHIPPING & HANDLING (per order): \$5 to 48 states, \$7 P.O. Box, APO & FPO -- \$8 for C.O.D. (48 states only) \$10 for AK, HI, PR, USVI & CANADA. Foreign orders (excluding Canada), please write for shipping costs.
PAYMENT: We accept VISA, MASTERCARD, C.O.D. (cash only).
MONEY ORDERS & CHECKS (checks allow 21 days to clear)
FAX Machine Orders: 1-208-376-7608

Staff of Life™

Preparedness Club

The Staff of Life Preparedness Club is organized for the sole purpose of helping you get prepared at the very **LOWEST** price. Staff of Life products are available to club members at or below dealer prices. Arrangements are also made with outside companies to provide their products to our club members at dealer prices. When you join the club these companies will send you their confidential dealer price lists. Available only to club members. The club has also arranged with national companies to provide from production overruns, where feasible, case lot quantities of canned or packaged foods and other household items. A **FANTASTIC PREPAREDNESS PROGRAM.**



ANNUAL FOOD PROGRAM

With 30 years experience in food storage business and after opening and using foods that had been in storage for 20 years we designed this new Staff of Life **ANNUAL FOOD PROGRAM.** We selected foods with proven shelf-life, flavor, nutritional value and economy. We are also using the packaging that held up best. It just makes **CENTS** to "JOIN" with **EXPERIENCE.**

IF YOUR GOING TO STORE FOOD DO IT RIGHT.

With emphasis on **ECONOMY** the closest **COMPARABLE** years supply available is over \$800.00 more expensive than the Staff of Life 30 case, (all food) **ANNUAL FOOD PROGRAM** at only \$975.00. **MEMBERSHIP DOES HAVE IT'S PRIVILEGES.**

ENERGY IS THE MOST IMPORTANT NUTRIENT REQUIREMENT IN A FOOD STORAGE PROGRAM. THE NUMBER OF CALORIES MUST BE ADEQUATE.

Because a family doesn't remain the same we have used an average of the nutrient needs for a family as outlined by the USDA. There are 13 age levels (1 - 51+) in the **RECOMMENDED DAILY DIETARY ALLOWANCES (RDA)** the average is 2,238 calories. The 8 groups used by the **STAFF OF LIFE** program provides approximately 2,500 calories.

A 1700 calorie year supply, if nutritionally balanced, would be adequate only for a 4 year old or a female over 75 years of age (USDA Bulletin nutritive value of foods).

Please send me the information on how I can be a part of this **FANTASTIC PREPAREDNESS PROGRAM.** Also send me the information on your 2 for **SPECIAL.** Good only with this coupon. **ASG-1**

Name _____

Address _____

City _____ State _____ Zip _____

Mail to: Staff of Life PO Box 396 Midvale, Utah 84047



GO-BOX 72-HOUR KIT

CONTENTS: Dynamo Radio, All-In-One-Tool., MRE's 36 meals ready to eat, hot or cold, Sterno canned heat, Sterno stove, Bowls, Tumblers, Utensils, Water Purifier, First Aid Kit, Matches, Detergent, Toilet tissue, Towels.



FAMILY FOOD PAK

All of us should have learned from recent disasters the need to have in our homes at least a two week supply of **PROTECTED** food. It is exciting, therefore, to introduce our **NEW DIMENSION** in food storage, **THE FAMILY FOOD PAK.** This is a convenient, compact, energy-efficient program with unrivaled product protection.

These are complete meals of already mixed, nutritionally balanced, shelf-stable foods, designed for a day-at-a-time approach for a family of 5 and over 12000 calories.

Easy to prepare with understandable directions. Just use as is or add water only, depending on the meal being prepared.

This portable, easily stored, one day Family Pack comes in a box 16" x 8" x 5" weighing less than 10 pounds.

P.O. Box 396 Midvale, Utah 84047 (801)561-5615 Fax (801) 561-1172

AMERICAN SURVIVAL GUIDE/MAY 1990 3

AMERICAN SURVIVAL

MAY 1990 VOLUME 12 NUMBER 5

The Magazine of Self Reliance

GUIDE

COVER:
Win this new Federal Ordnance Ranger Lite 1911A1 .45 pistol in ASG's 1990 Giveaway No. 2 contest. See pages 24, 52 (Photo by Scott Stoddard).

Survival Weapons

Fed Ord Ranger Lite	24
Enfield No. 1, MK III	34
Chinese SKS Rifles	48
Tec-22 Pistol	60

Survival Gear

Dosimeters and Charger	20
SI Rope Bargains	32
Mini Mamba Knife	50
Spyderco Zytel Clipits	62
SI Machetes	64
Jason Binoculars	67

Health and Food

MREs	22
Gov't Approved Food Rations	38

Survival Living and Environments

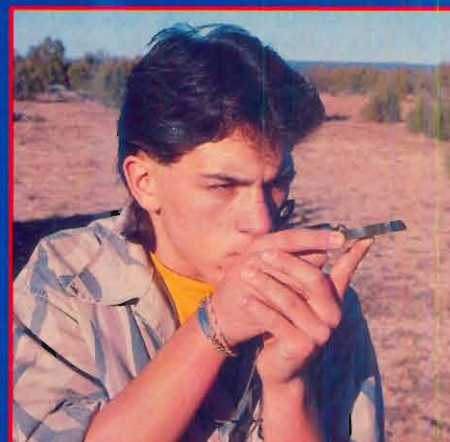
Ants	54
Terrorism in Chile	72
Drowning Prevention	76

Survival How-To

Man Tracking	16
Energy Independence	26

Departments

To the Point	6	1990 Giveaway No. 2	52
Survival Line	8	Survivalist Directory	68
Books / Videos	10	Classified Ads	70
New Products	12	Mail Call	71
ASG Index 1986-1989	44	Advertiser Index	75



Page 16



Page 26



Page 54

AMERICAN SURVIVAL GUIDE (ISSN 0745-1113) is published monthly by McMullen Publishing, Inc., 2145 West La Palma Avenue, Anaheim, CA 92801-1785, phone (714) 635-9040. Contents copyright ©1990 and all rights reserved by McMullen Publishing, Inc. This magazine is purchased by the buyer with the understanding that the information presented is from various sources from which there can be no warranty or responsibility by McMullen Publishing, Inc., or the publisher as to legality, completeness and accuracy. Before purchasing products advertised or written about in this magazine readers should determine the legality of those products in their area. Second class postage paid at Anaheim, California and at additional mailing offices. POSTMASTER: Send address change to American Survival Guide, P.O. Box 70015, Anaheim, CA 92825-0015.

SUBSCRIPTIONS. U.S. and U.S. possessions \$23.95 for 12 issues; \$39.95 for 24 issues. All other countries, \$32.95 for 12 issues; \$57.95 for 24 issues. Payment in U.S. currency only. American Survival Guide Subscription Department, McMullen Publishing, P.O. Box 70015, Anaheim, CA 92825-0015. Allow 8-10 weeks for delivery of first issue.

EDITORIAL CONTRIBUTIONS. Welcomed but editors recommend that contributors query first. Contribution must be accompanied by return postage and we assume no responsibility for loss or damage thereto. Manuscripts must be typewritten on white paper, and all photographs must be accompanied by captions. Photo model releases required on all persons in photos. American Survival Guide reserves the right to use material at its discretion, and we reserve the right to edit material to meet our requirements. Upon publication, payment will be made at our current rate, and that said payment will cover author's and contributor's rights of the contribution. Contributor's act of mailing contribution shall constitute an express warranty that the material is original and no infringement on the rights of others. Mail contributions to: American Survival Guide Magazine, 2145 W. La Palma Ave., Anaheim, CA 92801-1785.

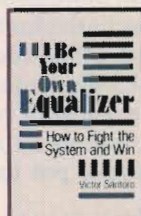
ADVERTISING INFORMATION. Please call American Survival Guide Advertising Department, (714) 635-9040. McMullen Publishing also publishes: Street Rodder, Mustang Illustrated, All Chevy, Kit Car Illustrated, Truckin', VW Trends, Splash, 4WD Action, Super Street Machines, Knives Illustrated and other specialty publications.

PALADIN PRESS



SEALs UDT/SEAL Operations in Vietnam by T.L. Bosiljevac

The Vietcong feared them above all American troops. U.S. Navy SEALs staged ambushes, gathered intelligence, raided VC strongholds, captured prisoners and supplies and created havoc in the enemy's rear areas. **SEALs: UDT/SEAL Operations in Vietnam** tells the dramatic story of these highly trained commandos in southeast Asia, from the early coastal reconnaissance missions to the withdrawal of the last SEAL team. Describing scores of combat missions, author and active-duty SEAL T.L. Bosiljevac recounts incredible acts of skill and valor by SEAL troops under fire. Sixteen pages of never-before-published photographs show SEALs in training, on patrol in VC territory and moving up canals in the Mekong Delta. This is the definitive book on this elite unit's role in the Vietnam War. 5½ x 8½, hardcover, photos, 272 pp. **\$24.95**



BE YOUR OWN EQUALIZER
How to Fight the System and Win
by Victor Santoro
All men are not created equal in America. **Be Your Own Equalizer** is for take-charge people who want to create their own opportunities. Read this book and learn how to work the angles so you will get the job and salary you want, command the respect you deserve and hold on to what's rightfully yours. 5½ x 8½, softcover, 104 pp. **\$10.00**



DEADLY BREW
Advanced Improvised Explosives
by Seymour Lecker
Every man of action occasionally encounters an explosive situation. Now you can be prepared with a deadly brew of your own! From the author of **Improvised Explosives**, learn how to combine common industrial chemicals with acids in new advanced explosive designs. Don't theorize, get the facts. For information only. 5½ x 8½, softcover, illus., 64 pp. **\$8.00**



SURVIVAL
Manual That Could Save Your Life
by Chris and Gretchen Janowsky
Life-saving first-aid and wilderness medical care, water procurement, improvised survival tools and weapons — having this book in any emergency could mean the difference between life and death. One of the best guides we've ever seen, **Survival** details the L.I.F.E. system. The author lives by it — you can live by it, too. 5½ x 8½, softcover, illus., 64 pp. **\$14.00**



PAYBACK!
Advanced Backstabbing and Muddling Techniques
by George Hayduke
The "Dirty Harry of Literati," a.k.a. George Hayduke, strikes again with another deadly shot of revenge. Get back at life's bullies, bad guys and bureaucracies with these tear-jerking tidbits of do-it-yourself terrorism. For entertainment purposes only. 5½ x 8½, hardcover, 196 pp. **\$17.95**



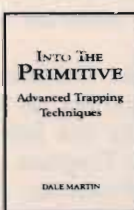
TO RIDE, SHOOT STRAIGHT AND SPEAK THE TRUTH
by Jeff Cooper
Combat mind-set, proper sighting, tactical residential architecture, nuclear war — these are some of the many subjects explored by Jeff Cooper in this illustrated anthology. The author also discusses various arms, fighting skills and the importance of knowing how to defend oneself, and one's honor, in our rapidly changing world. 5½ x 8½, hardcover, illus., 384 pp. **\$26.00**



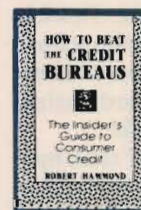
IMPROVISED EXPLOSIVES
How to Make Your Own
by Seymour Lecker
From a former top explosives expert with the Israeli Army comes a manual that presents ten simple yet powerful formulas for explosives and incendiaries that give the basis for making bombs, booby traps and mines. Learn to obtain or make the needed chemicals, or get substitutes. For information only! 5½ x 8½, softcover, illus., 80 pp. **\$10.00**



IMPROVISED RADIO DETONATION TECHNIQUES
by Lawrence J. Myers
Modify a cordless or cellular mobile phone, citizen's band radio or wireless intercom and toy walkie-talkie to detonate explosives with the info in this manual. Construction and deployment of RC detonation equipment without use of special tools or sophisticated electronics skills is possible. Here's how it's done. For information only. 5½ x 8½, softcover, illus., 80 pp. **\$10.00**



INTO THE PRIMITIVE
Advanced Trapping Techniques
by Dale Martin
Whether hiking, on the run or stranded in the wild, this book tells how to meet basic survival needs. Includes explicit drawings and complete info on snares, shelter, cooking equipment and more by scavenging and improvising. Get an edge on survival — get **Into the Primitive**. 5½ x 8½, softcover, illus., 176 pp. **\$15.00**



HOW TO BEAT THE CREDIT BUREAUS
Insider's Guide to Consumer Credit
by Bob Hammond
In this sequel to his best-selling book, **Credit Secrets**, Hammond describes the deceptive web spun by the powerful credit bureau syndicate and tells how to get a copy of your credit report, interpret it and then force the bureaus to wipe the slate clean. Get back on solid financial ground for good. 5½ x 8½, softcover, 136 pp. **\$12.00**



GET EVEN!
The Complete Book of Dirty Tricks
A hilarious overview of the methods people use to get even with big business, government and enemies. More sophisticated and involved tricks are included, such as ones devised by CIA and Mafia members and political dirty tricksters. Over 80 sections present dirty tricks ranging from the simple to the elaborate. For entertainment only! 5½ x 8½, hardcover, 192 pp. **\$17.95**



SMART BOMBS
Improvised Sensory Detonation Techniques and Advanced Weapons Systems
by Lawrence W. Myers
This practical field guide provides the covert operator with creative methods for building bombs and design criteria that reduce the risk of detection. For information purposes only. 5½ x 8½, softcover, 112 pp. **\$12.00**



NEW I.D. IN AMERICA
Want one more chance at life — with a "clean slate?" Trade in your old identity for a new start. Here is a step-by-step guide to creating a totally new you — with a birth certificate, passport, driver's license, Social Security number — all you need for breaking with your past. 5½ x 8½, softcover, illus., 120 pp. **\$16.00**

Other Fascinating Titles

RUGER .22 AUTOMATIC PISTOL.....	\$12.00	HAYDUKE SILENCER BOOK.....	\$10.00
INCENDIARIES.....	\$10.00	MACHINE GUNS.....	\$39.95
HARD-CORE POACHING.....	\$12.00	MAKE MY DAY!.....	\$17.95
MOST DANGEROUS GAME: ADVANCED MANTRAPPING TECHNIQUES.....	\$12.00	AK-47.....	\$14.00
U.S. ARMY SPECIAL FORCES MEDICAL HANDBOOK.....	\$19.95	TRAPPER'S BIBLE: TRAPS, SNARES & PATHGUARDS.....	\$8.00
SWITCHBLADE.....	\$10.00	POWERHOUSE PISTOLS.....	\$19.95
KICKASS!.....	\$17.95	RAGNAR'S GUIDE TO HOME & RECREATIONAL USE OF HIGH EXPLOSIVES.....	\$12.00

MONEY-BACK GUARANTEE — DEALER INQUIRIES INVITED
Paladin Press • P.O. Box 1307 • Boulder, CO 80306 • (303) 443-7250



PALADIN PRESS
P.O. BOX 1307-0E1
BOULDER, CO 80306
PHONE (303) 443-7250



Call TOLL FREE for credit card orders:
1-800-642-8300, ext. 24. Call 24 hours a day, 7 days a week. Call from any state but Alaska. Send \$1.00 for 50-page CATALOG of 300 titles (FREE with order.)

Please send me the following titles:

Payment: ☐ Check or Money Order, ☐ Visa, ☐ Mastercard

Card No. _____ Exp. _____ SUBTOTAL _____

NAME _____ Please include \$3.50 postage and handling

ADDRESS _____

CITY _____ STATE _____ ZIP _____ TOTAL _____

TO THE POINT



The NRA files a federal lawsuit to overturn California's semiautomatic firearms ban...

NINETEEN EIGHTY-NINE was a very difficult year for American firearms owners.

The forces of the political left in this country, strongly represented in the nation's news media and in government, who have long been dead-set against American firearms ownership, did everything they could to whip up public hysteria over the shooting rampage of the psychotic drifter Patrick Purdy in a Stockton, California, school yard in which 5 children were killed and 30 others wounded by Purdy using a semiautomatic AK-47 rifle.

One of the worst results of that hysteria was last year's passage in California of a draconian, unconstitutional and otherwise illegal ban on the sale, manufacture and possession of dozens of semiautomatic firearms, and severe restrictions on Californians who already possess those weapons.

This was accomplished by the concerted actions of a largely anti-gun press (such as the leftist *Los Angeles Times*), California's State Legislature, controlled for many years now by powerful leftist politicians, and numerous government officials, some left-wing and vehemently anti-firearm ownership like Attorney General John Van de Kamp, and some supposedly conservative Republicans—primarily our turncoat Governor, George Deukmejian. Deukmejian was elected on a platform that opposed harsh gun control but he abandoned the gun owners who voted for him during the hysteria over assault-type firearms and willingly joined forces with California's radical left wing to deprive law-abiding Californians of their rights, as did a number of other politicians who previ-

ously had represented themselves as pro-gun.

On Feb. 14 of this year the NRA filed suit in U.S. District Court in Fresno challenging the legality of this first-in-the-nation ban on sale and possession of many military-style semiautomatic weapons. Basically, the lawsuit asserts that the California ban violates several provisions of federal law and the U.S. and California constitutions.

The lawsuit contends California's Assault Weapons Control Act, as it is called, "is preempted by the federal Civilian Marksmanship Program and the Firearms Owners' Protection Act, infringes on the right of the people to keep arms, violates the right to privacy and to defend the home, is a bill of attainder, grants privileges and immunities not granted on the same terms to all citizens, violates the right against self-incrimination, and otherwise violates the United States Constitution and the California Constitution."

The lawsuit sets the stage for a critical and historic battle over the rights of free citizens of this country to keep and bear an entire class of firearms, specifically, military-type semiautomatic firearms ideally suited for defense of one's home or this nation, should the need arise.

The powerful and dangerous anti-gun-ownership forces in our society, who find a willing mouthpiece and propaganda organ in much of our mass media to brainwash the public, have long contended that the Second Amendment to the U.S. Constitution, which declares that the right of the people to keep and bear arms shall not be infringed, is irrelevant in the "gun con-

trol" debate and if not an anachronism, in any event applies only to the arming of a National Guard. In their determined drive to totally disarm the citizenry, the anti-gun movement leaders assert there is no individual right to keep and bear arms. The courts — and ultimately the U.S. Supreme Court — will now likely be asked to rule on that contention, as well as on a host of other legal challenges put forth in the NRA's suit.

While the NRA is paying for legal costs, it is joined as a plaintiff in the suit by the Fresno, California, Rifle and Pistol Club, the California Rifle and Pistol Association and numerous individuals, among them law enforcement officers, two women who shoot high power rifles competitively, several Californians who participate in the U.S. Army's Civilian Marksmanship program, and one Arizona resident who travels through California to target shoot in Oregon.

Also plaintiffs in the lawsuit are Springfield Armory, Inc. and Heckler and Koch, Inc., the manufacturers and or importers of firearms specifically outlawed by the California ban.

The sole defendant in the suit is California's Attorney General John K. Van de Kamp who is vigorously anti-gun and who lobbied forcefully for the semiautomatic ban. He is being sued in his official capacity as the person responsible for administration and enforcement of the law.

In some ways I'm elated about the lawsuit and in others I'm worried. The courts, as the NRA has noted, are political animals, and if the judges/justices who decide the case wish to interpret the laws of the country in favor of the anti-gun-ownership movement, we could well see the elimination of legal public firearms possession very quickly in this country.

As he crusaded for the ban on semiautomatic weapons in California last year, Van de Kamp declared that the struggle of the anti-gun forces to outlaw these guns is the fight "of our lives." And so it is also for the pro-gun forces, "the fight of our lives."
— Jim Benson.

CEP, INCORPORATED

Experts for Hard-and-Fast Insider Information



HOW TO GET ANYTHING ON ANYBODY

By Lee Lapin

Called "possibly the most dangerous book ever published" by Peter Laufer, NBC News, this best-seller is packed with advanced investigative and surveillance techniques. You won't believe the possibilities! Softcover, 8 1/2 x 11, illus., 272 pp. \$30.00

TERRORIST WEAPONS AND EXPLOSIVES

The actual video used by a federal intelligence agency to train its agents on automatic weapons and explosives favored by terrorists. Includes hands-on training in the use of U.S., Soviet and Third World machine guns and assault rifles, including damage comparisons, and the ins and outs of terrorist high-explosive and incendiary devices. This rare tape is nonstop action! Color, 40 min., VHS or Beta. \$29.95



WHISPERING DEATH

Secrets of Improvised and State-of-the-Art Silencers

Enter the world of silencers with the first and only video on improvised and commercial-quality suppressors. Features sound-level tests on everything from suppressed .22 pistols to AK-47s and covers silencer prices, availability, legality and which weapons can and cannot be effectively suppressed. For information purposes only. Color, approx. 40 min., VHS or Beta. \$59.95

READY, SET, ACTION!

Exciting Previews From CEP's Best Videos

Over 30 minutes of explosions, terrorist weapons blazing on full auto, SWAT entry techniques, building and testing silencers, hard-core martial arts moves, and much more! This tape is bursting with excerpts from our most exciting videos. *Ready, Set, Action!* shows actual scenes from each of our full-length videos to help you decide if you'd like to purchase the entire tape. Nonstop fast & furious action! For information purposes only. Color, approx. 30 minutes, VHS only. \$12.00

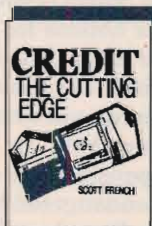


SPYGAME

Winning Through Super Technology

By Scott French and Lee Lapin

SpyGame: exotic weapons, shooting knives, infrared monitoring, the legalities of surveillance, the rocket pistol and reading minds. See in the dark and access secret data. This book has the most up-to-date info. Softcover, 8 1/2 x 11, photos, illus., 520 pp. \$30.00



CREDIT: THE CUTTING EDGE

By Scott French

A clean credit rating is your key to power and financial muscle. Read about the 70 least-known credit facts, getting cards without a credit check, legally repairing damaged credit like the pros, \$10,000 loans by mail, dealing with collection agencies and the top credit card crimes. Softcover, 8 1/2 x 11, 272 pp. \$25.00

B AND E: A TO Z

How to Get in Anywhere, Anytime!

This two hour video is designed for law enforcement and security professionals. Find out how anyone can get into any building, beat any lock, open any safe, enter any car. Here is the latest info and on-site demos: bypass, picking, impressing, drilling, burning and blowing. Learn how to do it, where to get the equipment, how it's used, what marks it leaves. For information only. Color, VHS or Beta. \$79.95



DEADLY EXPLOSIVES

How and Why They Work

Dazzling explosions like you've never seen before! This cram course in explosives will teach you how to safely handle, set up and detonate all types of explosives, including dynamite, C-4, det cord and RDX. Power comparisons show the right explosive for the job, whether felling a tree or destroying a tank. For information purposes only. Color, approx. 60 min., VHS or Beta. \$59.95



YES! PLEASE SEND ME...

- | | |
|---|----------------|
| <input type="checkbox"/> HOW TO GET ANYTHING ON ANYBODY | \$30.00 |
| <input type="checkbox"/> WHISPERING DEATH (VIDEO) | \$59.95 |
| <input type="checkbox"/> SPYGAME | \$30.00 |
| <input type="checkbox"/> B AND E: A TO Z (VIDEO) | \$79.95 |
| <input type="checkbox"/> TERRORIST WEAPONS & EXPLOSIVES (VIDEO) | \$29.95 |
| <input type="checkbox"/> READY, SET, ACTION! (VIDEO) | \$12.00 |
| <input type="checkbox"/> CREDIT: THE CUTTING EDGE | \$25.00 |
| <input type="checkbox"/> DEADLY EXPLOSIVES (VIDEO) | \$59.95 |
| <input checked="" type="checkbox"/> +\$3.50 SHIPPING | |
| <input type="checkbox"/> FREE CATALOG! | TOTAL ENCLOSED |

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PAYMENT: ☐ CHECK OR MONEY ORDER ☐ MC ☐ VISA

CARD# _____ EXP. DATE _____

SIGNATURE _____

For ordering videos, Specify ☐ VHS or ☐ Beta. Money-back guarantee on all books!

OEI (Videotapes are nonreturnable. Damaged tapes will be replaced.)

P.O. BOX 865-OEI • BOULDER, CO 80306 • (303) 443-2294 • TOLL FREE- 1-800-642-8300 EXT. 82

NITRO-PAK SURVIVAL SUPPLIES

FREE REPORT REVEALS *The 5 DEADLY* **ENEMIES of FOOD** **STORAGE & HOW** **to AVOID THEM!**

Storing food for any reason is serious business. You've made your preparations as an insurance hedge to protect yourself and family in the event of a major crisis. Now, after spending what can amount to a sizable investment, you could loose it all to one or more of the FIVE DEADLY ENEMIES to your storage foods.

Or maybe you're just thinking about obtaining a good quality food storage reserve, but want to know how to choose the "right one" and take steps to insure it will remain safe for use for many years to come.

Now at last there's a concise and fact filled report that reveals how you can better preserve your investment. You'll learn how you can safely store your reserves and insure their condition when you need it!

This report also reveals insights on:

- The 5 WORST ENEMIES your storage foods can have
- How you can AVOID them and PROTECT against them
- Learn ways you can obtain the longest shelf-life possible
- Where are the BEST and WORST places you can store your foods
- How to AVOID purchasing a woefully inadequate "SURVIVAL STRAVATION" diet units
- Plus a listing of our complete storage food line & each of their approximate shelf-lives

Get this \$19.95 Report FREE when you order NITRO-PAK's latest Discount Supply Catalog & info filled pak for just \$5. You'll receive our complete 84 page survival food & supply catalog as well a certificate worth \$50 OFF any year supply unit or 15% OFF any NITRO-PAK Dehydrated foods we offer! You get it all by 1st Class Mail too!

We guarantee your complete satisfaction or your money-back. This NO-RISK guarantee comes with every product we offer. You're always the final judge with us.

ORDER YOUR CATALOG & REPORT NOW!

For Faster Delivery, Credit Card
Customers can order by phone:
(213) 802-0099

NITRO-PAK Survival Foods & Supplies
13243 E. Rosecrans Ave. Dept A053
Santa Fe Springs, CA 90670

SURVIVAL LINE

*Environmental terrorism hotline established,
Gun Rights Factbook statistics refute anti-gunners,
heterosexual AIDS 'epidemic' exaggerated,
scientists say. . .*

THE vast majority of people in the environmental movement are well intentioned and law abiding. Recently however, some of the more extreme elements in the movement have undertaken actions which can only be labeled as environmental terrorism. Some of these actions have included attempted bombings in the name of animal liberation, planting metal spikes in trees about to be logged, and purportedly, in the case of one group opposed to pesticide spraying, releasing Mediterranean fruit flies in a major agricultural region of California.

In an effort to counter those who would use environmental terrorism to attain their goals, the non-profit Mountain States Legal Foundation has opened a hotline for people with information about acts of environmental terrorism. The goals of the foundation are to document where and when such acts occur, help in apprehending those responsible, and warn those who might be endangered by such acts. Foundation President William Pendly notes that environmental terrorism is more "than damage to machinery. . . People are being injured, and it won't be long before someone is killed." Those with any pertinent information are asked to call the foundation hotline at (303) TESTIFY.

Debating Points — Alan M. Gottlieb, chairman of the Citizens Committee for the Right to Keep and Bear Arms, has authored a book called the *Gun Rights Factbook* which is filled with information and statistics you can use in debating the anti-gunners, or in answering the anti-gun editorials too often found in the nation's newspapers.

Here are some of the interesting statistics found in the *Gun Rights Factbook*. Gun deaths account for only 2 percent of all the accidental deaths in the U.S. More than 99.9 percent of American gun owning households do not experience a gun accident in any given year. Fatal firearms accidents in the home have gone down 64 percent

in the past 17 years. Handguns were used in self defense some 645,000 times last year. 3,000 criminals are killed, and 16,000 others wounded each year by law abiding citizens defending themselves from attack. Lastly, a recent study shows that owning a gun saves the lives of 20,000 people each year who use their weapons to defend themselves against violent attack.

AIDS Exaggeration Of the 113,211 AIDS cases in the United States, only some 4.8 percent or 5,457, can be traced to heterosexual relations. Further, most of those 5 percent of heterosexual AIDS patients were the regular partners of intravenous drug users, transfusion recipients, hemophiliacs, and in a few cases, bisexuals. "The myth is that it's spreading from 'hetero' to 'hetero' to 'hetero,'" says former AIDS researcher Michael Fumento, author of *The Myth of Heterosexual AIDS*.

The recently released book has been drawing fire from AIDS activists and homosexual groups which have called the author "homophobic and sexist."

Still, there are a growing number of researchers who are beginning to suggest that the so-called epidemic of AIDS in the heterosexual community is a result of a sensationalist press, combined with self-serving AIDS activists and homosexual groups.

Another researcher, health economist Joel Hay of the Hoover Institution at Stanford University, has called into question the current government estimate of the total number of HIV-infected people in the United States. That number is now said to be between 950,000 and 1.45 million by government sources. Hay, using a statistical method known as "back calculation," has concluded that the government figures might be off by a factor of two. Hay's numbers show an estimated 640,000 HIV-infected people in the U.S. He uses the same technique in predicting the number of new AIDS cases reported monthly. ●

SURVIVAL, INC.

Finest Quality Medical Pack Available To Public



SI Field Medical Pack DESIGNED FOR PARAMEDIC USE

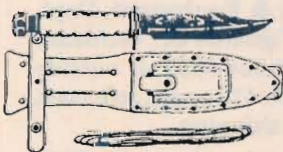
The Field Medical Pack goes far beyond any first aid kit—this is a true field medical pack. It is in everyday use by paramedic, police, and even government intelligence agencies. The Field Medical Pack weight and efficient and yet filled with those items necessary to save lives and handle most disasters. The case is made of heavy-duty Cordura nylon and opens up to display all items for easy access without fumbling around. Outside, the pack is designed to be carried by a handle or you can use the detachable backpack system for hands-free carrying which is important when the victim is up or down a steep grade. Inside, the pack has velcro and elastic closures to secure all instruments and medical equipment. Again, it is designed for everyday emergency use, so it must be of top quality and design. Although the pack comes with more equipment and supplies than you can believe, there is still plenty of room for you to add what you feel you need.

All instruments and materials are of the highest quality and many of the items are only available through a medical supply house. When you read the list below you will realize the depth and width of this pack. If your budget can afford it, this is a medical pack that you should have. It is capable of handling small and large emergencies. By just adding a few items and maybe a couple of books, you can have a medical pack that will ensure your family's well-being and will allow you to help others.

#1620 reg. \$ 475.00 ppd. 48 states

Special \$295.00 ppd. 48 states

CONTENTS: 1 Dual Head Stethoscope, 1 Sphygmomanometer, 10 Butterfly Closures*, 1 Kelly Forceps, 1 Splinter Forceps, 1 Disposable Penlight, 1 RSI Utility Scissors, 7 Airways sizes 0-6, 4 Adaptic® Dressings 3" x 3", 32" Kling® Bandage*, 3 3" Kling® Bandage*, 15 Elastic Strip Dressings 1", 10 Fingertip Bandages*, 2 Surgipads® 8" x 10", 6 Surgipads® 5" x 9", 6 Topper® Sponges 3" x 3", 10 Non-stick Dressings 2" x 3", 1 Burnsheet 60" x 92", 1 Multi-Trauma Dressing*, 2 Stat-Sticks®, 6 Topper® Sponges 4" x 4", 1 Rescue Blanket, 10 Non-stick Dressings 3" x 4", 2 Triangular Bandages, 4 Eye Pads*, 10 Alcohol Swabs*, 1 Coban® Bandage 2", 1 Eye Flush 4 oz., 10 Ammonia Inhalants, 1 Wire Splint, 1 Air Splint Arm, 1 Air Splint Leg, 1 Dermicel Tape 1" x 10 Yds., 1 Dermicel Tape 1" x 5 Yds., 2 Kerlix® Bandage*, 1 Dynaflex Bandage 3", 2 Kwik Kold® (Large), 10 Cleansing Wipes. (*Denotes Sterile Packaging)



U.S. Military Survival Knife

Designed for the government and made to government specifications, this excellent US made knife and sheath combine to make a fine survival knife. The 5" carbon steel blade features blood groove and sawtoothed top edge. Leather sheath features sharpening stone and laces that allow you to attach knife to pole or limb to make a spear. A truly high quality survival knife at a low price.

#2650 Reg. \$19.95 + 1.85 S&H

Special \$15.95 + 1.95 S&H
3 knives \$48.50 ppd. 48 states



Military Field Dressing

If any of you were in the service you were issued one of these units. It was the one that had this great absorbent pad and two four-foot gauze tails with split ends. You used it for wounds, slings, tying splints on, and a number of things we will not mention here. This lightweight compressed bandage takes only 2" x 4" and yet opens to a full 4" x 7" pad that will absorb a full half pint of blood. It is packed to last with an airtight, waterproof, vacuum-sealed plastic outer bag and an inner paper wrapper. Guaranteed sterile. These bandages are a must for any emergency medical program. #1621

\$4.25 + 1.50 S&H
Pack of 5 \$17.50 ppd. 48 states
Pack of 10 \$30.00 ppd. 48 states

JUST MANUFACTURED



BRAND NEW MILITARY SPEC DOSIMETER CHARGER

Here is an excellent quality dosimeter charger that will give years of trouble free use. The fully transistorized and printed circuit is run by a single size "D" battery that will recharge dosimeters thousands of times. There is a safety spring located in the charging socket to prevent damage to the dosimeter in the event that excessive pressure is exerted when charging. Moisture proof and dust proof with cap to insure no moisture or dust will accumulate in socket. Only 4 1/8" square and 2 3/4" high. Meets all military specifications of temperature, altitude, shock and vibration. A very fine unit.

#9930

reg. \$ 139.95 + 2.50 shipping and handling

Limited Quantity \$79.95 + 3.50 S&H

NEW IMPROVED SOLAR RADIO



We are happy to have an excellent AM/FM Solar Radio back in stock after seven months. During that time we found this improved version of what must be considered an important addition to any emergency supply. The radio was specifically designed for use with the built in solar panel. You can run the radio by exposing the panel sunlight or by using two AA batteries (not included). If you use rechargeable batteries the solar panel can be used to charge them during the day so you can use their power during the evening. Above all the radio is clear, well made and with enough sensitivity to pull in even weak stations. #2802

\$29.95 + 1.85 S&H

Guaranteed Satisfaction

S.I. EQUIPMENT

435 W. Alondra
Gardena, CA 90248
(213) 324-8855

Outside California call TOLL FREE
for credit card orders (800) 533-7415.

Name _____

Address _____

City _____

State _____

Zip _____

Phone _____

Total _____

CA residents add 6% tax. Send \$2.00 for 48 page catalog.

Please send me the following:

Bill my ☐ VISA

☐ MasterCard

Exp. Date _____

Card No. _____

KATADYN Pocket Purifier



I have looked at the Swiss made Katadyn filter for over 10 years and because of the seemingly high price just never could bring myself to sell them. But with the increase of debilitating diseases that are popping up in the streams and lakes in the back country I decided that we must offer what is without a doubt the finest portable filter available today. The ceramic element combined with the silver ion charged inner core makes the Katadyn the only one approved by the International Red Cross for field work. It even removes 97% of all radioactivity. Only 10" long and 2" in diameter and less than 1.5 pounds it is ideal for emergency use, backpacking, camping or any outdoor activity where you must use local water. Although the initial cost seems high, the Katadyn will last 10 to 20 times as long as the less expensive First Need before the filter needs replacing. If you want more information send us a self addressed stamped envelope and we will be happy to send you a four page article from the Audubon magazine that tested filters and found the Katadyn the best and the best buy.

#W345 reg. \$225.00 + 2.75 S&H

Special

\$195.00 + 2.75 S&H



EDITORIAL

PUBLISHER
Tom McMullen

EDITORIAL DIRECTOR
Bob Clark

EDITOR
Jim Benson

ASSOCIATE EDITOR
Scott Stoddard

FIELD EDITOR
Bud Lang

CONTRIBUTORS

Geeta Dardick
Lenny Hoover
Ralph LaPlant
Michael Pietrantonio
Robin Sutton
Bennett Viken
Carl H. Yaeger

PHOTOGRAPHIC LAB SERVICES
Don Palmer

GRAPHICS

DESIGN DIRECTOR
G. Wm. Tietgen

ART DIRECTOR
David Vazquez

TYPOGRAPHY
Lori Christianson Griffith

ADVERTISING

**ADVERTISING SALES
MANAGER**
Bruce Bogart

**ADVERTISING SALES
REPRESENTATIVES**
John Nething
Greg Gill
Tony Mercadefe
Arlan Pfohl

SENIOR SALES ASSISTANT
Janeen Webb

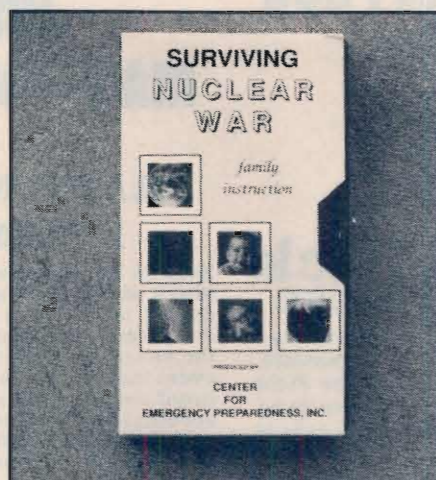
SALES ASSISTANT
Liz Thelian

**McMULLEN
PUBLISHING, INC.**

CHAIRMAN
Thomas M. McMullen

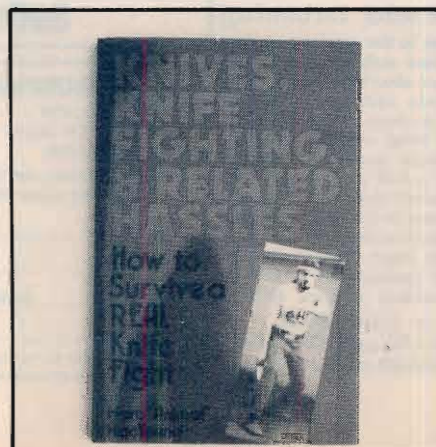
PRESIDENT
Kenneth N. Yee

BOOKS/VIDEOS



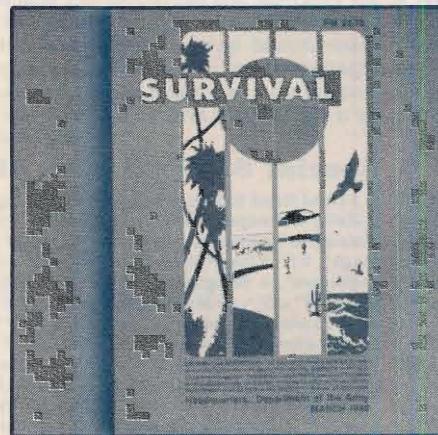
Surviving Nuclear War, a video produced by the Center for Emergency Preparedness. Available through NITRO-PAK Survival Foods & Supplies, 13243 E. Rosecrans Ave., Dept. ASG, Santa Fe Springs, CA 90670; (213) 802-0099. VHS, \$20.95 each plus \$2.50 shipping.

This video examines the myths about nuclear war. The premise that nuclear war is unlikely, or that most people would die is simply not true! The video shows how to survive an attack and what will be needed in the very challenging recovery period afterward. Experts such as Dr. Edward Teller and Cresson Kearny teach important survival techniques. As we consider the world in which we live and the fact that there are literally thousands of nuclear warheads aimed at each other, prudence dictates that we must learn the facts. Taking the right steps can protect your family. It is true that during a nuclear exchange many people would die, but many more people would live. We must be ready to cope with new challenges and begin to rebuild. Our American heritage demands it.



Knives, Knife Fighting, & Related Hassles, How to Survive a Real Knife Fight, by Marc "Animal" MacYoung. Paladin Press, P.O. Box 1307, Dept. ASG, Boulder, CO 80306; (303) 443-7250; 120 pages, softcover. \$12 plus \$3.50 shipping.

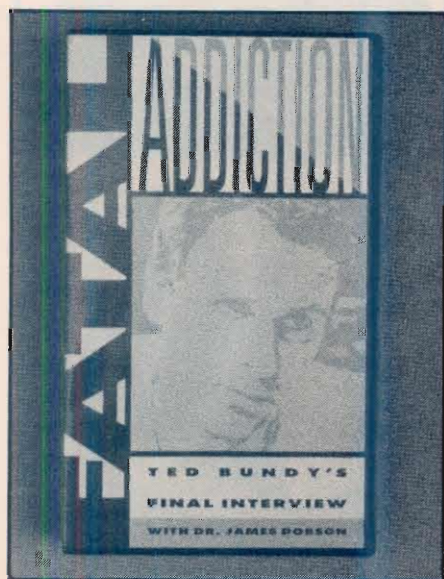
"Finding yourself in the middle of a knife fight is no time to discover that you don't know what your doing. You can forget the useless stuff you've seen in the movies or learned in the dojo: if you don't, you'll probably end up in the morgue." Marc "Animal" MacYoung shows you the down-and-dirty reality of knives and knife fighting. How to avoid a knife fight, how to deal with someone who has pulled a knife, and when to escalate into full blown combat. "Knife fighting is not for cocky or ignorant people—they're weeded out really quick. You have to rely on your wits, mobility, speed, and knowledge in order to survive a very dangerous situation."



Survival, FM 21-76, Headquarters, Department of the Army. March 1986. SI Outdoor Food & Equipment, Dept. ASG, 15600 S. Figueroa St., Gardena, CA 90248; (213) 324-8855 or outside CA (800) 533-7415. 410 pages, softcover; \$14.95 plus \$2 shipping.

With over 100 color photos of edible and poisonous plants and another 25 color photos of poisonous snakes, this manual could be considered the best illustrated government survival book yet. 16 chapters detail the main subjects for living-off-the-land survival according to the Army's idea of escape and evasion. You'd have to be isolated in a pretty remote area to require most of these techniques, but the information is useful to have anyway. There's

a good chapter on the "Will to Survive" and also on "Survival Planning." Of course you get the usual: Water procurement, wild plants for food, wild-life for food, shelters, fire building, water crossings, direction finding, signaling, desert survival, tropical survival, arctic survival and sea survival. This book should be in your library.



Fatal Addiction, Ted Bundy's Final Interview with Dr. James C. Dobson. A video produced by Focus on the Family, Dept. ASG, Pomona, CA 91799. VHS, 56 minutes. To order call (800) 232-6459. There is a suggested donation of \$25.

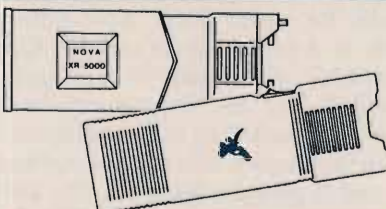
At 7 a.m. on Tuesday, January 24, 1989, convicted serial killer Ted Bundy was put to death in the electric chair at Florida State Prison. He admitted murdering more than two dozen young women but is widely believed to have killed more. In this video, Bundy takes the viewers back to his roots, explaining the development of his compulsive behavior. He reveals his addiction to hard-core pornography and how it fueled the terrible crimes he committed. At one point in the interview Bundy makes this statement, "I can only hope that those who I have harmed... will believe what I'm saying now: that there are loose in their towns, in their communities, people like me today whose dangerous impulses are being fueled day in and day out by violence in the media." Is there a link between hard-core pornography and sexual violence? And why did the news media attack Dr. Dobson and the Bundy interview? *Fatal Addiction* will provide you with the complete story, one that the media would like to suppress. ●

GUARDIAN

Personal Security Products

8350 North 7th St.
Phoenix, AZ 85020

NOVA Electronic Restraints



50,000 VOLTS OF POWER! Defend yourself against any attacker by instantly "scrambling" the nervous system causing immediate, but temporary paralysis! A light touch to the body will drop an attacker to the ground a helpless "blob" of jello. Effective even through many layers of clothing, a Nova is not lethal in any way and completely safe to the user. Nova restraints are the best self-defense devices money can buy. These are the "stun" guns that others try to copy but can never succeed. Why accept cheap imported substitutes that may or may not work. Only Novas are guaranteed for 2 years and only Novas are in use by over 600 law enforcement agencies around the world. Two models available: The original XR5000 which includes a NiCad battery and charger or the new Spirit which includes a long-life lithium battery with sufficient power for 300 takedowns.

NV1.....Nova XR5000 Kit.....\$89.95
NV2.....Nova Spirit.....\$137.95

CAP-STUN Spray Weapon



Cap-Stun is the instantly effective non-lethal weapon using oleoresin capsicum derived from hot peppers as its active agent. Designed to replace chemical Mace and all other tear gas aerosols. Propellant blend and valve design provide the proper spray pattern so effectively to safely subdue all attacks. Cap-Stun has been proven superior to Mace, CN and CS tear gas in that it WILL control a drunk, psychotic, dogs as well as drug abusers. Cap-Stun acts as an inflammatory agent rather than an irritant like the tear gasses. Mucous membrane areas will inflame instantly to prevent all but life support breathing as well as dilating the eyes so the attacker is physically blinded temporarily. Cap-Stun is completely safe to use with no harmful aftereffects. Each Cap-Stun comes complete with a leather holster.

LP1.....3/4 oz Cap-Stun.....\$15.95
LP2.....2 oz Cap-Stun.....\$22.95

NEW CATALOG - \$1.00 CATALOG FREE WITH ORDER
Satisfaction Guaranteed! Dealer Inquiries Invited:

CHARGE CARD ORDERS: Visa - MasterCard - Am Express
CALL TOLL FREE: 1-800-527-4434 • In Arizona 1-602-371-1023

FAX: (602) 870-0735 • (Please add \$3.50 Shipping & Handling)
MAIL IN ORDERS: Send check, money order or charge card information to:

GUARDIAN SECURITY PRODUCTS Dept. AS-4
8350 North 7th Street • PHOENIX, Arizona 85020

CALL TOLL FREE

**1-800-
527-4434**

Miniature Transmitting MICROPHONE



MINIATURE TRANSMITTER:

Increase your awareness by transmitting loud volume sounds to your earphone, head phone or speaker type FM radio. The microphone will transmit sounds up to 300 yards to a normal FM radio. Can be used to monitor game, remote buildings, barns, offices, children's rooms, homes, etc.

ET-2.....Mini Transmitter.....\$79.95

KNUCKLES Paperweights



These "Knuckles" are cast in the original size of the infamous "Brass Knuckles". We have three models available: A super-strong ABS plastic, a lightweight aluminum and the original weight brass.

BR1.....Brass Knuckles.....\$12.95
BR2.....Aluminum Knuckles.....\$7.95
GDNPLK.....Plastic Knuckles.....\$3.95

LOCKSMITHING TOOLS



Our most popular professional locksmith set consisting of 12 blue spring steel tools housed in a black leather shirt pocket case with velcro closure.

AZL5.....Locksmith Set.....\$28.95

NEW PRODUCTS



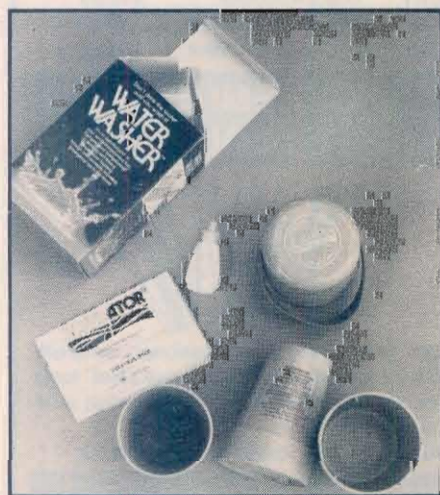
Ek Warrior

In recent years it's been virtually impossible to find an Ek Commando Knife for under \$100. Now, here at last, is a popularly priced Ek Commando Knife model for the budget minded. The Ek Warrior retails for only \$69, including high quality olive drab web sheath. It is rugged and basic — and it gets the job done. The knife reminds us that no-nonsense design, good materials and American hand craftsmanship can never be replaced. The Ek Warrior features more steel than any other knife of its type and size. A solid bar of high carbon steel runs all the way through the wood grips to form the distinctive "Skull Crusher" pommel. The extended butt can be used as a pry bar or a hammer. The "handprint" grips are ergonomically shaped to fit the hand perfectly. Blade, crossguard and rivets are sandblasted to a non-reflective finish. The polished edge is extra sharp and the angle and direction of the bevel grinding make it easy to resharpen. Also included with the knife and military web sheath is a wrist thong. Contact Ek Commando Knives for more information at 601 N. Lombardy Street, Dept. ASG, Richmond, VA 23220; (804) 257-7272.



Search Light Radio

The California earthquake last year provided a number of survival lessons to people, one of which was the need for communications and light after a disaster of that magnitude. The Search Light Radio from NITRO-PAK meets the demands for communications and light plus offers an adjustable volume siren. The lightweight AM/FM radio operates on four C size 1.5 volt batteries and has a 4.8 volt, .5 amp search light and 350 mw siren which can be adjusted in volume by turning the volume knob. A collapsible antenna aids reception for the AM (535-1605 KHz) and FM (88-108) bands. An excellent item to have in your survival stock. Available for \$28.95 each plus \$3 S&H from NITRO-PAK Survival Foods & Supplies, Dept. ASG, 13243 E. Rosecrans Ave., Santa Fe Springs, CA 90670; (213) 802-0099.



Water Washer

The popular Water Washer water treatment system is back. It removes pollutants and kills bacteria in up to 1,000 gallons of water before the filter element has to be replaced. This compact three-stage purifier is only 6

inches high by 3½ inches in diameter and will store compactly as a unit with screw-on cap and carry handle. The three-stage filtering systems starts with a coarse screen to block out large debris. The activated silver ionized charcoal section removes bad taste, odors and chlorine and kills bacteria, including coliform. For areas where heavy bacterial concentration is probable, a MiniBooster solution is included for pretreatment of water. For maximum bacteria destruction, let water sit for 20 minutes after running through purifier. Water Washer with complete instructions is available for \$22.95 plus shipping & handling. Extra silver ionized charcoal filtering elements refills are \$12.95 each plus S&H. Complete unit with 2 refills \$55. Order from Survival Inc., (SD), Dept. ASG, 15600 S. Figueroa St., Gardena, CA 90248; (213) 324-8855 or 8859; outside California toll free (800) 533-7415.





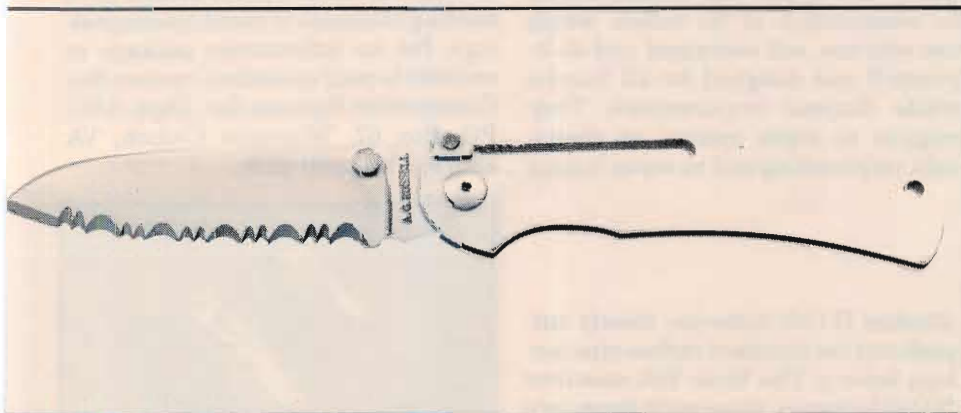
25-Person First Aid Kit

Made exclusively for NITRO-PAK, this large group emergency first aid kit has supplies recommended by the Red Cross and other emergency professionals. It's designed to provide care for up to 25 people with sufficient dressings for severe bleeding wounds, broken bones and other injuries you would not be able to treat effectively

with a standard first aid kit. Included are quantities of triangular bandages, gauze sponges and bandages, triple antibiotic ointment, extra large plastic strip bandages, maternity pads, eye pads, heavy drainage pack sponges, Kelfa non-adherent dressings, splints, space blankets, elastic bandage wraps, antiseptics towelettes and other sophis-



ticated emergency medical care supplies plus triage tags and the Reader's Digest Handbook of First Aid for those who are not knowledgeable in emergency medical care. This kit is \$210.95 plus \$7 S&H from NITRO-PAK Survival Foods & Supplies, Dept. ASG, 13243 E. Rosecrans Ave., Santa Fe Springs, CA 90670; (213) 802-0099.



Foreign Legion Knife

Designed by a former commando instructor, the P.R.O. dagger/utility knife is actually supplied to the French Foreign Legion and now available in limited supply in the U.S. at a very reasonable price. The 7-inch double edged matte blued blade is VH carbon steel with a Rockwell hardness of 60+ and is 1/6.35 inches thick. It won't lose its color and strength despite repeated reheatings in use around camp fires. Overall length is 12³/₈ inches. Weight is just 12 ounces. Full

tang construction and very sharp. Zinc resin coated guard and pommel (useful for pounding). Comes with a handsome black Cordura Nylon sheath with ABS reinforced interior to protect the blade and wearer and removable black multi-function Velcro strips for carrying on gear other than a belt. Order your P.R.O. Knife for \$79 plus \$6 shipping and insurance from P.C.S. U.S.A., Dept. ASG, P.O. Box 853, Franktown, CO 80116 (check, M.O. or VISA/MC orders accepted). Satisfaction guaranteed.

Paramedic One Hand Knife

Machined from a solid block of spring steel, even the spring and locking bar are part of the handle of A.G. Russell's One Hand Knife. This knife weighs barely more than 2 ounces, yet has great strength and cutting ability. The Paramedic version of the famous One Hand Knife series by A.G. Russell is designed for police, mountaineers, canoeists, paramedics and other individuals who need a knife that will cut anything and do it quickly with one hand if necessary. The back of the 3¹/₈-inch blade will make it possible for the user to slip the blade under a seat belt and cut the belt with small risk to the person in trouble. The Paramedic Model is designated K-87P and sells for \$64.97. Order from A.G. Russell Fine Knives, Dept. ASG, 1705 Highway 71 North, Springdale, AR 72764-2397; orders toll free (800) 255-9034, questions, service, help (501) 751-7341.

NEW PRODUCTS

Composting Toilets

One of the most overlooked dangers facing the survivalist during a prolonged power failure/water shortage caused by a natural or manmade disaster is the backup of sewage in homes offices and factories or other places of human habitation. Raw sewage build-up can result in outbreak of deadly and debilitating diseases. The Swedes invented an answer to this problem 27 years ago. The idea is just now catching on in the U.S. It is the composting toilet, and the Sun-Mar Composting Toilet has been developed to perfection. It won the Gold Medal for best invention at the International Environmental Exhibition in Geneva, Switzerland. Its operation is simple and easy. Waste and toilet paper are composted to a peat moss-type substance that is odorless. This material is removed one to four times a year, depending on use. Human waste is 90 percent water which is evaporated and carried outside by a venting system. The air flow provides a negative pressure which ensures no back draft. You turn the handle on the Bio-Drum once every three days instead of flushing as you would normally do with a toilet after use. The rotation and aeration by the Bio-Drum, with the addition of organic material (one cup peat moss per person per day) ensures a fast, odorless,



aerobic breakdown of the compost. This is the only waste disposal system in the world that is in complete harmony with nature. Sun-Mar uses the finest grade fiber glass and stainless steel in construction of its toilets which are odorless, self contained and do-it-yourself and designed for all human waste disposal requirements. They require no septic system, no chemicals, no plumbing and no water (except

WCM Model which requires one pint of water per flush). Some models are designed to work with no electricity, although all will work with electricity if needed or desired (some models have heating elements to speed up composting). For an information package or answers to your questions, contact Bay Conservation Systems, Inc., Dept. ASG, P.O. Box 67, Wicomico Church, VA 22579; (804) 580-2091.



Lantern Battery Substitute

Versa Volt is the world's first lantern battery substitute and, when using

alkaline D Cell batteries, clearly outperforms the standard carbon-zinc lantern battery. The Versa Volt uses four D Cell batteries, converting them into a lantern battery in seconds. It accepts alkaline, lithium (when commercially available), solar, nickel-cadmium and carbon zinc batteries. Increases operating life up to 3 to 4 times. Decreases operating costs by up to 60 percent. Eliminates shelf life problems and expands the versatility of D size batteries. The Versa Volt provides a durable, shock-resistant housing for the D batteries. Available for \$3.95 plus \$1.50 S&H each from SI, Dept. ASG, 15600 S. Figueroa St., Gardena, CA 90248; (213) 324-8855 or 8859; outside California toll free (800) 533-7415.



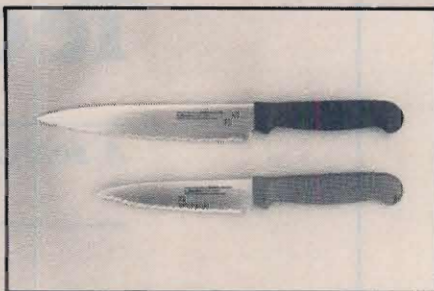
Jungle King I & II Skinners

The Aitor Jungle King I & II Skinner knives have been in demand since they were originally introduced as part of the Aitor Jungle King series knives and sold only with these survival knives. Due to great demand, they are now being sold separately. Made of premium modified 440-B stainless steel with extra molybdenum and vanadium to "smooth out" the molecular texture,



Utility Knives, ProFile Sharpener

Spyderco's Kitchen Utility Knives are just the thing for innumerable food preparation chores in the kitchen or around camp, not to mention a host of other practical uses. And now, for the knowledgeable knife sharpener, there's the compact Spyderco ProFile sharpening stone set to take along in your pack or keep at home for sharpening all types of knives and other equipment. Kitchen Utility series, also known as "Kitchen Rambos," are ex-



tremely sharp, extremely strong and corrosion resistant and extremely practical for home or outdoors tasks where light weight and utility are at a premium. The Model 1104 is the larger of the two utility knives, with an overall length of 10 $\frac{1}{4}$ inches with a 6 $\frac{1}{2}$ -inch blade. The Model 1105 is 9 inches overall with a 4 $\frac{1}{2}$ -inch blade. The blades are MBS-26 high carbon chrome molybdenum vanadium steel with a Rockwell hardness of 60 plus, exclusively available through Spyderco from

Japanese master knifemaker Masahiro. Both models are available with the now famous serrated Spyderedge and the 1105 is also available with a plain edge for filleting work. Handles (black for both models or red also for 1105) are Sermollan, a rubberized plastic. Optional ABS blade guards (sheaths) are \$3.95. The ProFile is designed for those who know how to use sharpening stones to sharpen a wide variety of tools. There are two high alumina ceramic stones, gray-medium (Mohs Scale 9.20) and white-fine (Mohs Scale 9.22), that store in a split leather sheath useful for steadying the stones when sharpening. Introduced this year, the ProFile Sharpener set is \$19.95. For more information or ordering contact Spyderco, Inc., Dept. ASG, P. O. Box 800, Golden, CO 80402; (800) 525-7770.



AIR-SOG

The AIR-SOG fills the demand for a lightweight, fast opening, multi-purpose pocket knife. Small enough to be carried in any purse, coat, pack, etc., the AIR-SOG is big enough to satisfy the variety of chores you might require. Utilizing an ambidextrous thumb stud for one hand opening allows immediate access to the AIR-SOG's stainless steel bowie blade and awesome cutting power. The sleek, molded, glass-reinforced Zytel handle

is checkered for passenger comfort and control. You're flying first class when you carry the AIR-SOG. Overall length opened is 7 $\frac{1}{4}$ inches. Blade is 3 $\frac{3}{4}$ by .1 inches. Weighs 2.2 ounces and comes with nylon pouch. The AIR-SOG also carries SOG Specialty Knives' lifetime guarantee of customer satisfaction. Suggested retail is \$39.95. For more information contact SOG Specialty Knives, Dept. ASG, P. O. Box 1024, Edmonds, WA 98020; (206) 771-6230.

these skinners are tough and great for holding an edge. They come with durable, high quality web sheaths in olive drab color. The JK-I, the larger knife, has a sheath with military belt hanger release and rigid liner. A simpler sheath is used for the little JK-II skinner. The JK-II measures 5 inches in length and has a cutting edge of 1 $\frac{1}{2}$ inches. The JK-I is 7 inches overall with a cutting edge of 2 $\frac{3}{4}$ inches. Both knives feature a gut hook or "line cutter," bottle opener or can opener, inside serrations to tighten nuts, holes for wrapping cord or making a spear, thumb notches and a rear end screwdriver. Great for camping, backpacking, fishing, hunting or general survival purposes. The JK-I has a suggested retail price of \$29.95 and the JK-II is \$14.95. Ask your knife dealer about them, or contact Catactin Cutlery, Dept. ASG, P. O. Box 188, Smithsburg, MD 21783; (301) 824-3416.



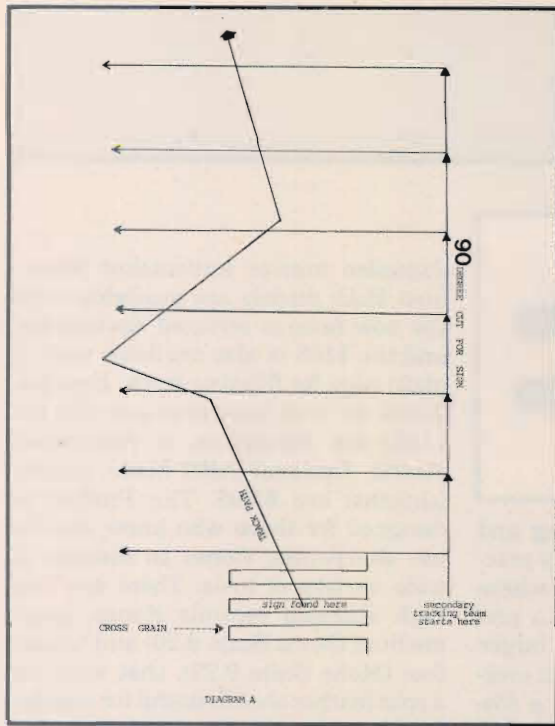
Ultra Brakes

The Ultra Brake muzzle brake is available for most sporting rifles and handguns. Adds less than one inch to overall length of your barrel. The

Ultra Brake provides 45 percent measured recoil reduction and eliminates muzzle rise. These brakes are made from heat treated chromeoly steel with a tensile strength of 150,000 psi. Installation of the brake includes a match target crown. Most muzzle brake manufacturers rate their products' performance in terms of felt recoil. Holland's, maker of the Ultra Brake, prefers to take a more scientific approach, that of measured reduction in recoil. A 10-gun test video is available to demonstrate performance. The Ultra Brake is now available for AR-15, AK-47 and HK series rifles for \$29 each, as well as other firearms. For ordering or more information contact Holland's, Dept. ASG, Box 619, Powers, OR 97466; (503) 439-5155. ●

Man Tracking Techniques

A search and rescue skill that can be very valuable...



By Lenny Hoover

SEVERAL years back a member of our survival group had his young son disappear in the Coconino National Forest in the rugged country near Happy Jack, Arizona. When he got a call from his wife who had been visiting friends in the area, notifying him that his son had been lost, he immediately called me and as crisis leader of our group I activated all members with the only condition red emergency we have ever issued. The Coconino County Search and Rescue unit was called out and before long a massive search was under way to find the boy.

The emotions that a leader must face are very difficult during a crisis of this type. We all knew and loved the little boy. The dreadful heart rending of this situation actually put the boy's father out of commission by mid-day. My people were counting on me. I remember coming upon an old rock cistern and not being able to look in it. It took several minutes before I could do it. Then I had difficulty seeing the bottom of the thing through the patina of tears that covered my eyes. I could not let anyone else see, after all, they were depending on me.

Finally, after some agonizing hours of searching, the boy was found. I made an oath to myself that if it were ever possible I would learn more about tracking and search and rescue techniques. It took several years but I kept that oath!

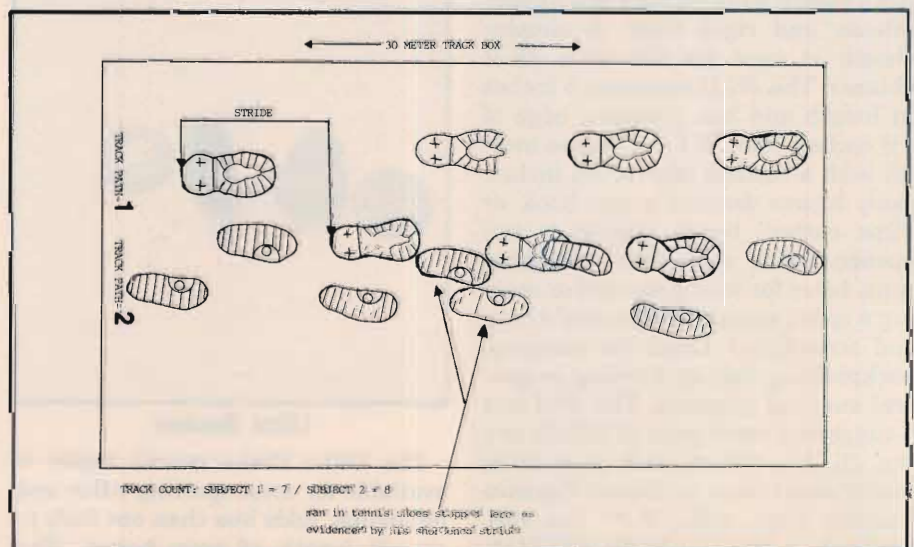
Search and rescue is really more of a science and to some degree an art. Many search and rescue units become drinking clubs and horseback roping leagues. It is unfortunate that this skill is many times not studied by those who claim to practice it. It was lucky for us that the Coconino Search and Rescue is one of the finest in the country. You would have to be when the Grand Canyon is part of your beat. One skill that impressed me and is the subject of this article is the *art* of man tracking.

Man tracking should not be confused with the tracking of game animals. While the two have similarities they also have wide differences. The basic type of search for the average search

teams is the line search. This simply means get a group of people in a line and cover a specific quadrant on a map. While not as effective as many other methods it does have the benefit of being simple so that untrained and out of shape people can utilize it. Trackers should start ahead of these groups so that tracks or sign are not compromised by those who are trying to help.

Trackers or a tracking unit should start by casting for sign in the last reported place the lost person was seen. Footprints, clothing, shoes, gum wrappers or anything the lost person was known to have on his person can be used to mark his passage across the earth.

What method is most effective to initially find tracks? I like two, the Cross Grain and the Circle Cut. The Cross Grain (lower part of diagram A) is one you may have learned in the Boy Scouts. The searcher simply studies the earth for sign while walking in a pattern. This pattern is that of interlocking L's. For close study a person may wish to use very short legs in his pattern. If larger distances are needed that



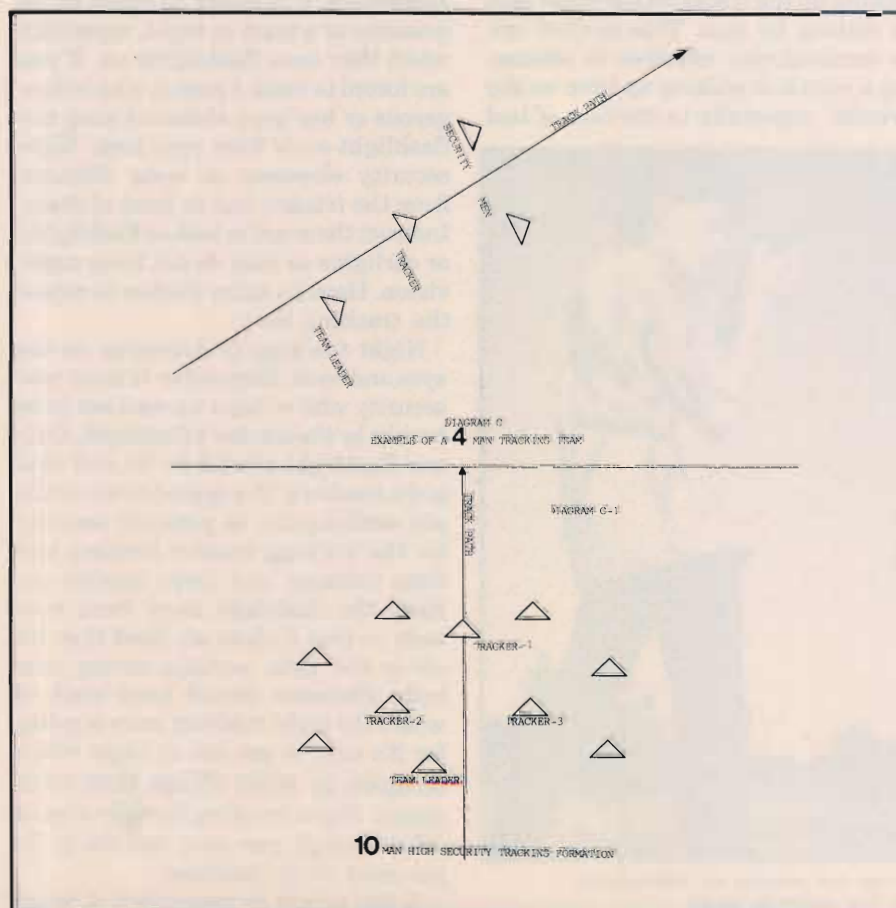
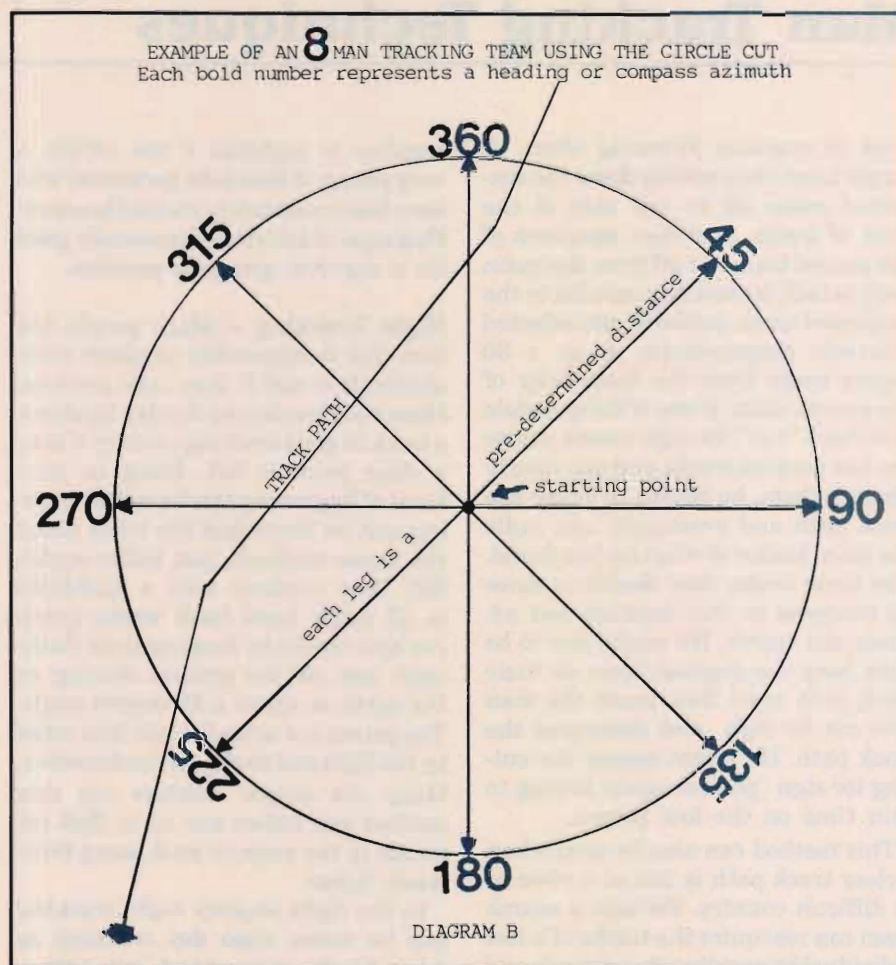
pattern can be enlarged. Two people can use the pattern working together as well.

The other good track acquisition method is the Circle Cut (see diagram B). This is simply searching for signs by radiating from some central point for a given distance. the ending point of each leg will eventually describe a circle. This method can be used with one person but really comes into its own when you have three or more searchers. Each searcher can then travel a given distance on a compass heading searching for sign. Remember that as distance from the starting point increases so does the distance between each search leg. This method is particularly effective because it searches in a 360 degree circle instead of just one direction.

After careful searching let us say that our tracking team has found several tracks that have been identified as being the right size and perhaps the mother remembered that the shoe print looks like those on the boy's tennis shoes. What do you do? Keep untrained people away from the area and track boxes (see track box diagram) which can tell you how long the lost person's stride is, if he was running etc. Most of all get your team familiar with the imprint the shoe has made in the earth. Casts can be made of prints as well. Is a second person involved? Is the victim limping?

After finding tracks move down the trail left by them. Be careful not to obliterate them. If you are tracking a dangerous person you will need several people to keep watch for the bad guy (See diagrams C and C-1 for team security tracking formations). Even if foul play is not suspected use security formations. A luminous marker should be left along your back trail from time to time. It is easy for a single searcher or a search team to get lost simply because they concentrate on the ground and not landmarks. A team should have a navigator to avoid this problem. Security people should not track. It is good to have a spare tracker as it is very taxing and a tracking team can move faster even if the trackers spell each other every 20 minutes or so.

Another method can be used to find sign if you have identified a clear consistent trail of tracks. It is called cutting for sign (see 90-degree cut for sign, diagram A) This method can speed up a rescue by expediting tracking. Radios should really be used for this method. A tracker or tracking team is left on a set of tracks and



Man Tracking Techniques

tries to continue following them. A larger team then travels down the suspected route off to one side of the path of tracks and then members of the second team cut off from the main body (which is traveling parallel to the suspected track paths) at pre-selected intervals perpendicular or at a 90 degree angle from the main body of the second team. If one of these people who have "cut" for sign comes across the lost persons tracks and can clearly identify them, he begins to follow the track path and eventually can radio the team leader of what he has found. The team leader may decide to move up everyone to this location and advance the search. He might just to be sure, keep the original team on their track path until they reach the man who cut for sign and discovered the track path. He might repeat the cutting for sign process again hoping to gain time on the lost person.

This method can also be used when a clear track path is lost at a river or in difficult country. Perhaps a search team can reacquire the tracks of a lost individual by avoiding the obstacle and picking up the tracks on the other side by cutting for sign. This method can be tremendously effective in advancing a search or picking up time on the "victim" especially in the face of bad

weather or nightfall if the victim is very young. It does take personnel who have been moderately trained however. This type of activity is extremely good for a survival group to practice.

Night Tracking — Many people feel that this is impossible or above their ability. It is not! It does take practice. Have a person during the day lay down a track in good tracking country where a clear print is left. Bring in your team of beginning trackers that evening and let them find the track using the above methods, just before nightfall. Your trackers with a flashlight (a GI angle head flash works great) can spot tracks by keeping their flashlight just off the ground shining at the earth at about a 20 degree angle. The prints are actually cast into relief by the light and darkness combination. Many old cougar hunters use this method just before sun up to find cat tracks in the snow or mud using their truck lights.

In the right country night tracking can be easier than day tracking as faint tracks may stand out better. Remember, it is easier to sneak up on someone or a team at night, especially when they have flashlights on. If you are forced to track a person who is dangerous or has been abducted keep the flashlight away from your body. Have security elements at some distance from the tracker and in front of them. Instruct them not to look at flashlights or carlights so they do not lose night vision. Have an extra tracker to rotate the tracking duty.

Night tracking is strenuous on the eyes and back. Remember to keep rear security who've been warned not to be backlit by the tracker's flashlight. *Only one* flashlight should be lit and that is the tracker's. The spare tracker while not working can be personal security for the working tracker, keeping him from running into thorn bushes etc. Keep the flashlight away from your body so that if shots are fired they hit air or the light, perhaps saving your body. Someone should keep track of where the night tracking team is going, for it's easy to get lost at night when occupied by other things than navigation. Night tracking is really a team effort though one man can do it. To get good at it, practice.

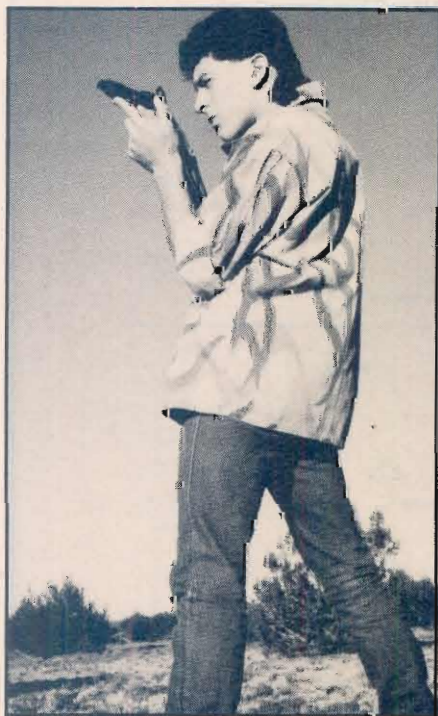
A few points to remember. A team

leader should be chosen who is not the *best* tracker but is able to make crucial and sometimes difficult decisions and live with them. A searcher once told me how on a search he had taken a right instead of a left on a deer trail. The child was never found. The next year on another search in the same place on the same trail he took a left instead of a right and found the victim of the previous year's search not 100 yards from the fork in the trail. The remains of the child were buried. Heartache and wrinkles come with responsibility. A little practice goes a long way!

Helping your local search and rescue team can be rewarding and an extremely valuable experience for you or your survival group — you do not have to reveal that you are survivalists. Learn the sole patterns of your survival group or family's boot wear. Even better, cut a distinctive notch in your group's boot heels and especially those of the young ones in your family. One of the toughest things as a tracker is trying to determine whether this track or that is the track of the missing person and not that of other searchers, hunters or children at play.

When you are vacationing or in remote country keep your children in a given area and watch them. Instruct your children that if they get lost to hug a tree. The sooner that child sets down the easier it will be to find him. Give your child a whistle (all kids love whistles) and make them keep it on their bodies while in the woods. If your child does get lost keep calm because that child's life is in your hands and rests on your level headed decisions. Make a sketch of the bottom of the lost person's shoe and pass it around to searchers.

Tracking is an art and a science. Some can be taught but most has to be learned through practice. It is worth you and your group's time to learn it. It may be the only means at your disposal to save a member of your family or a member of your survival group. Man tracking may also be the only way in a post holocaust world to track down something which has been stolen from you or to rid the world of a problem human. I know that if someone would harm one of my loved ones in such a scenario they had better watch their backtrail for a very long time! ●



A map and compass are necessary for the best systematic search.

MC/Visa & COD
Order toll free
1-800-821-5157

The DUTCHMAN By Mail

MC/Visa & COD
Order toll free
1-800-821-5157



SOUND DETECTOR

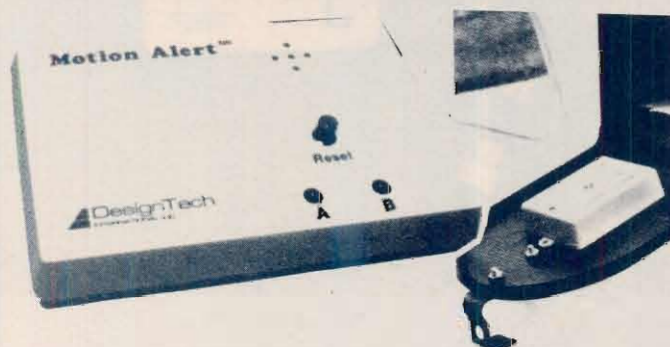
**DISTANT SOUND
DETECTOR
MULTIPLIES
SOUND 5000
TIMES**

\$148
postpaid

**The VanSleek
FARFOON®**

The VanSleek Farfoon generation of Distant Sound Detectors combines the best features of older models to bring you the most versatile unit yet developed. Utilizes a 3-1/2" built-in parabolic dish with "spider-mount" super-sensitive microphone for Sound Mirror effect, previously found only on larger, more cumbersome sound detectors. VanSleek features handy size (weighs about 2-lbs.), is easy to use in tight places. Made for professional hunters to hear approaching animals at great distance, the VanSleek has been discovered by the security industry. On city terrain, sounds leap across blocks and streets. Solid state-of-the-art circuitry. Sound cut-off. Powered by 6 penlight batteries for increased amplitude. Use VanSleek and enjoy mirrored sound gathering not possible with direct receiver products. Sold world-wide to government, military, police, hunters & fishermen. Discover the range of uses on land and sea; money back guarantee. \$148.00 postpaid.

WIRELESS DETECTION SYSTEM



Motion Alert is a motion detecting radio transmitter and receiver system with a whopping 300-foot range (that's a full football field!). The motion detector/radio transmitter alerts you when an object has been moved. It's easy to install anywhere you need to detect movement: attach to doors, gates; in drawers and cabinets; in your mailbox - applications are endless. Once the transmitter senses movement, it sends a radio signal to the receiver which lights up and begins to buzz. This wireless system is FCC approved. The receiver has two separate channels, so you can use multiple transmitters in a variety of applications. One year warranty. Order #MA-1 (transmitter and receiver), \$78.50; additional transmitters, #XMA, \$32.50 each.

PHONE RECORDER



Electronic marvel tapes phone calls automatically. A "no hands" control for connecting cassette recorder to a telephone line, simply connect one cord to cassette recorder & the other cord into ANY modular jack in the house. Set recorder for "record" & whenever a receiver is lifted on any phone on the premises, the recorder will automatically record. When the receiver is hung-up, the recorder automatically stops. Just \$22.50 postpaid and that includes a FREE duplex adaptor.

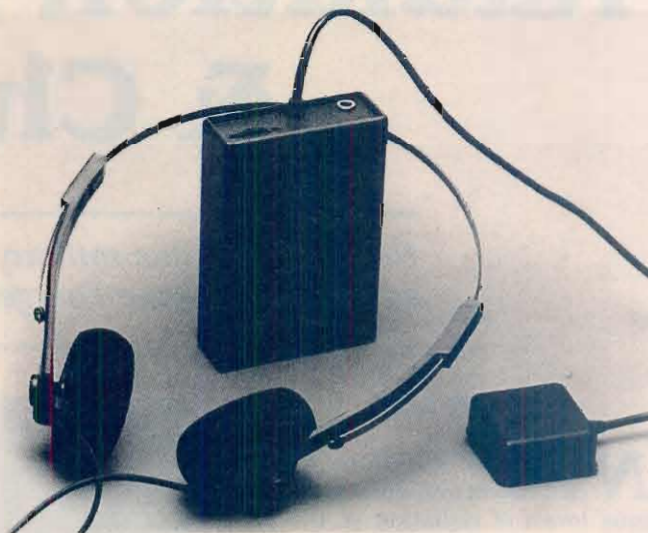
Bug Box

*You Need The
BUG BOX For
Telephone
Privacy*



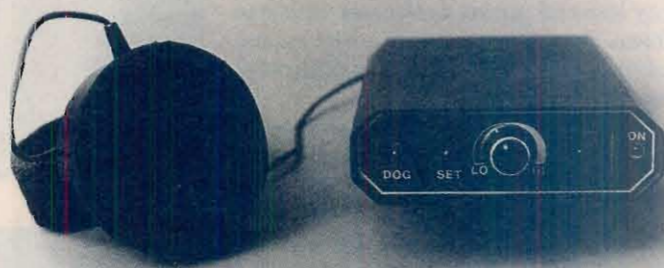
Telephone tap detector notifies you of unauthorized intrusion onto your line. Just plug modular phone into tiny BUG BOX, then plug BUG BOX into wall jack. An indicator light tells you when someone is "listening in". BONUS: Attach BUG BOX to every phone in your house, then you, AND ONLY YOU, can access the phone. BUG BOX not only tells you if someone else is on the line, it KEEPS THEM OFF with its privacy shut-out circuit. Buy one BUG BOX and use its indicator light to monitor line intrusion; buy as many BUG BOX's as you have phones and enjoy total privacy shut-out plus visible light indicators. Sale price \$30.00 postpaid.

STEALTH EAR



Hear through walls with the amazing Stealth Ear. Has specialized microphone and high gain electronic amplifier that actually amplifies sound 25,000 times! You can hear through solid objects such as glass, wood, plaster, brick or even 12" thick concrete! Comes with headphones and sound transducer "stethoscope"; everything you need to detect those pesky rodents in the other room. You can even use Stealth Ear to diagnose problems in appliances and cars. An audio limiter prevents loud sounds from reaching your ears. \$245.00 + \$3.50 shipping; each add'l unit \$230.00 each.

TELEPHONE VOICE CHANGER



Alter your voice when placing or receiving telephone calls. This West German device utilizes digital technology that lets you CHANGE THE PITCH, TONE AND TIMBRE OF YOUR VOICE. Men can become women; women can become men! Use at home, office or shop, or when travelling. The unit is small, battery powered and can fit in your pocket. A strap attaches the speaker to any phone. Even has a built-in dog bark feature: push the "dog" button and a guard dog is heard in the background. \$295.00 + \$3.50 shipping; each add'l unit just \$275.00.

MC/Visa & COD orders call toll free 1-800-821-5157
Mail in orders send check or money order to the address below.

Missouri customers call 816-221-3581

The Dutchman
Dept. AS50
P.O. Box 12548
Overland Park, KS 66212

Please ship:
Item

Total \$ enclosed

Name

Address

City

State

Zip

©1990

NITRO-PAK:

Radiation Dosimeters & Charger

*New and surplus military radiation dose rate meters
and military issue charger to keep them accurate...*

Staff Report

NITRO-PAK has three different dosimeters available to check various levels of radiation at the same time as well as current military contract dosimeter chargers to keep them reading accurately.

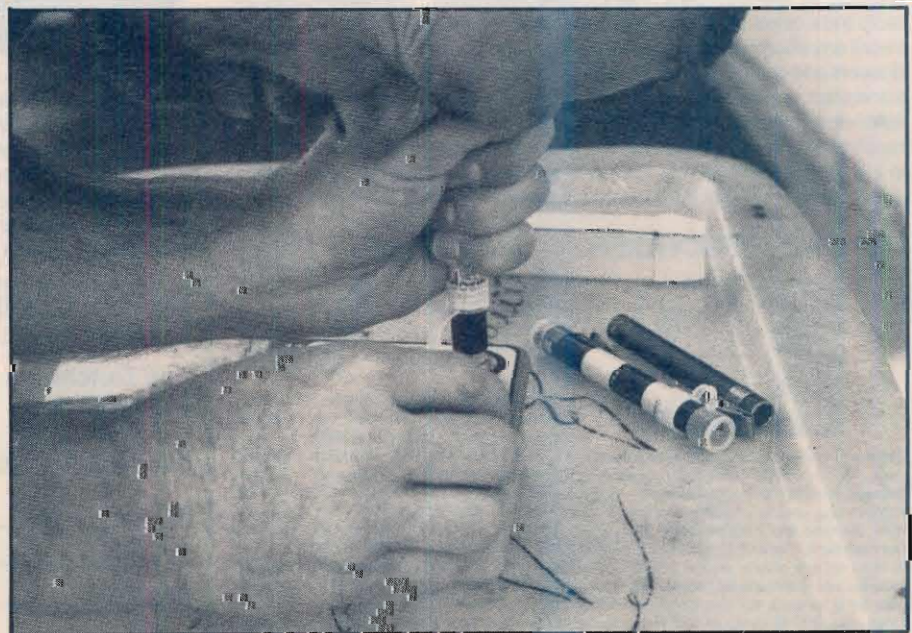
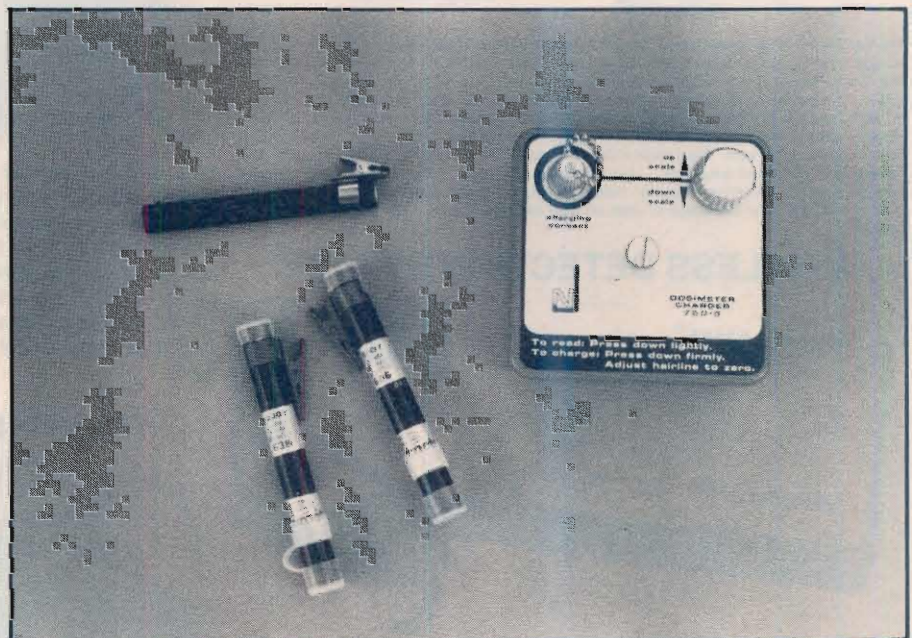
People who need to monitor radiation dose often carry three different dosimeters, such as these, with them to measure different levels of radiation as they move through an area where radiation is present.

First there is the U.S. military 0 to 200 milliroentgens dosimeter, a quality low end quartz dosimeter that has been checked and certified to exceed civil defense standards. This dosimeter is \$49.95 plus \$2 S&H.

NITRO-PAK also has new Dosimeter Corporation 0 to 200 roentgens and 0 to 600 roentgens gamma and x-ray dosimeters. The 0 to 200 model is \$95.95 plus \$2 S&H and the 0 to 600 model is also \$95.95 plus \$2 S&H.

If you've got dosimeters, you need a good charger for them. The Dosimeter Charger Model 750-5 from Jordan Nuclear Company is a current U.S. military contract charger and is designed to charge most dosimeters, including those mentioned here. Each charger is fully transistorized and requires just one standard D cell battery to operate it and will provide thousands of charges from one battery. It's easy to operate and is moisture and dust proof. Charging takes only a few seconds. This model weighs two pounds. It's \$84.95 plus \$3 S&H (regularly \$145).

Order from NITRO-PAK Survival Foods & Supplies, Dept. ASG, 13243 E. Rosecrans Ave., Santa Fe Springs, CA 90370, (213) 802-0099. ●



Professional Locksmithing Tools

LOCKAID

Specifically designed to pick tumbler locks. Designed over thirty years ago to aid law enforcement agencies. Consists of tension wrench, three needles and Lockaid "Gun." Prices include a copy of the book "Lock Picking Simplified."

Lockaid \$69.95



PIX MODEL 13

This deluxe yet compact kit features 11 of the most commonly used tools. Comes in a slim cowhide leather case for discreet undercover operatives. As a special bonus, a 5 piece set of **warded picks** is included. A 16 piece set total. Also included, a copy of "Lockpicking Simplified." Receive all this at a Low price of:

PIX 13 \$42.95



PIX-QUICK MODEL A

These high quality picks feature new lighter non-breakable plastic color coded handles. Picks are of .022 blue spring steel... hardened to perfection. Eight piece set comes with handy see-through case with two extra pockets and a copy of "Lockpicking Simplified."

Model A \$22.95



PIX-QUICK MODEL B

Same color coded set as Model A. Only with deluxe 13 pieces. Price includes tension wrench and book.

Model B \$29.95

PIX-EZ All-In-One Pick-Set

100% American Made! As convenient to carry and use as a pocket knife!

Only 4 inches long, half inch square, weighs under five ounces, works fast and opens pin and water tumbler locks quickly, with very little effort. Six tempered spring steel picks, tension wrench.

\$34.95



WKS PICKS

Made of the finest blue tempered spring steel this 5 piece padlock pick-set is a must in every locksmith's tool box. This set will pick open most every warded padlock made today.

\$9.95



Lockpicking Simplified	\$7.00
Complete Guide to Lockpicking	\$12.00
Improvised Lock Picks	\$9.95
Tubular Locks	\$8.95
Lockout and forced entry	\$8.95

Safe & Valut manipulation	\$9.95
How to Pick Pins & Wafers	\$9.95
Combination Locks	\$7.00
Keys by Impressioning	\$7.00
Key Casting Manual	\$8.95

NEW ITEMS



ESP-13

This handy new pick set is the most popular set among professional locksmiths today. This kit consists of 12 different tools housed in a handsome black leather case designed for a shirt pocket. Included in the price, you receive a 5 piece **warded key set** and a copy of "Lockpicking Simplified." 17 piece set total.

ESP-13 \$45.95



KEY RING PICK SET



This unique design is ideal when low profile is required or to keep on your keyring for emergencies. Contains a tension wrench, three picks and the "Key Pick."

Key Ring Pick Set \$27.95

DOUBLE SIDED DISK TUMBLER PICKS

Set of 4 picks designed to be used on the most popular double-sided disc tumbler, showcase, cam and padlocks.

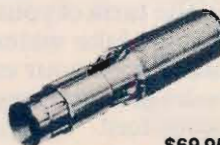
\$27.95



MINI PICK TUBULAR

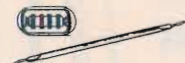
The most effective tubular pick on the market, unlike the larger picks with long handles or screwdriver handles. The longer the tool, the more pressure needed which causes easy breakage. The advantage of the Mini Pick is it is so short, you only use your thumb and index finger. With a little practice this tool will open a tubular lock in less than a minute. A. Your Choice: (1) Center (2) Offset left (3) Offset right; B. "Segal" 8 pin tubular; C. 5-pin Tubular; D. 6-pin Tubular; E. 8-Pin Ace.

\$69.95



SESAMEE DECODER

This tool was designed to decode the exact combination of a sesame padlock without damaging the lock. Detailed instruction included.



\$17.95

SCHLAGE WAFER

The most fantastic tool you will ever use. This set consists of two base keys and pick. Complete instructions included.

\$27.95



MD16

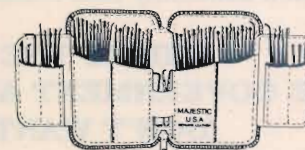
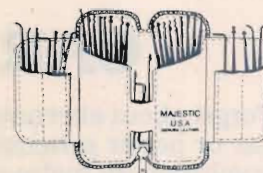
Shirt Pocket Size, Top Grain Cowhide Leather, Zippered Case, has 16 Picks, Tension Wrenches and Broken Key Extractor.

\$59.95

MD32

Hip Pocket Size, Top Grain Cowhide Leather, Zippered Case, has 32 picks, Tension Wrenches, Broken Key Extractor.

\$69.95



MD60

Top Grain Cowhide Leather, Zippered Case, has 60 picks, Tension Wrenches, Broken Key Extractor and Warded Master Keys.

\$89.95

The law requires all purchases be made in good faith, without make believe or fraud by genuine persons within this industry

Send to
**Steve Arnolds
Gun Room**
P.M. \$3.00
Overseas \$6.00
Must be 18 years
of age

Orders over \$100
Free Shipping
Catalog \$2.00
Free with order.
Sorry, no credit card orders



P.O. Box 68, Dept. SG-05, Dexter, OR 97431 (503) 726-6360

SI Outdoor Food & Equipment:

Meals Ready to Eat

New shipments provide

variety and good prices. . .

Water rations in foil packets and MRE meals can make a handy emergency food supply.

A typical three day food supply using MREs.



RUN YOUR TRUCK OR CAR ON WATER

Forget about alternate fuel sources - fill the tank of your truck, car or power generator with regular tap or lake water. This revolutionary hydrogen generator system uses your engine's 12 volt power to break water into hydrogen and oxygen to safely fuel your car or truck. No pollution! Guaranteed! Detailed assembly and installations instructions.

**THIS IS THE INFORMATION
THE GOVERNMENT AND BIG OIL COMPANIES
DON'T WANT YOU TO HAVE**

SPECIAL LIMITED TIME OFFER:

Send **\$49.95** (plus \$9.00 s & h) today. You will be billed for the remaining balance of \$225 thirty days after shipment. If not completely satisfied, mark cancel on invoice and return. **HURRY!** Offer good only while current supply lasts.

CANON HYDROTECH
7510 Sunset Blvd. # 560A
Los Angeles, CA 90046

SIERRA SUPPLY PRICE BUSTER!

"Dependable Light for
Uncertain Times"

12 Hour Lightsticks

- instant, dependable light
- a must for all campers, boaters, pilots, hikers, motorists, bikers & kids
- ASSORTED COLORS, red, orange, yellow, green (while supply lasts)
- for safety, emergencies & nighttime fun!

WHY PAY MORE???????

10 LIGHTSTICKS

\$12.00

plus \$3 shipping Cont. US
(Alaska, Hawaii, Canada,
\$4.50 shipping)

SIERRA SUPPLY
PO BOX 1390 • DEPT ASG
DURANGO, CO 81302
Ring: 303-259-1822



SEND \$1.00 FOR 1990 CATALOG

\$10.00 min. order. Personal & company checks held 3 bank working weeks.
Cashier checks, money orders, Visa & MasterCard shipped promptly.

100% SATISFACTION GUARANTEED

MILITARY MREs (meals ready to eat) are the latest field rations used by the armed forces. Each meal provides 1,300 to 1,500 calories and includes a meat entree, desert, crackers, cheese or jelly spread, usually a supplement such as beans or applesauce, coffee, creamer, sugar, candy, matches, and toilet paper. They come sealed in a heavy-duty plastic pouch that is almost impossible to tear open without a knife. SI has a new shipment of these complete meals that were packed in 1987 and 1988.

A number of new entrees are available that can be bought individually. Ham and Potatoes are new MREs packed in 1989 and they are reported to taste quite good. Other entrees include: Beans in Tomato Sauce, Omelet with Ham, Spaghetti with Meat and Sauce, Chicken Stew, Potatoes Au Gratin, Meatballs with Barbecue Sauce, Chicken and Rice, Turkey, Diced with Gravy and Tuna with Noodles.

Vegetable retorts can round out a meal and now available at SI are six ounce portions that were made for a famous name in foods that then decided they did not fit in their line. Choose between: zucchini; onion and peppers; onion, mushroom, carrot and pepper; and carrot, peppers and Italian baby corn. All come in a delicious sauce and were made to be used over rice noodles.

There are new 1989 MRE Oatmeal cookies that make a moist and chewy treat and are great for trail snacks and deserts. The 1989 MRE brownies are just as good and are covered with lots of nuts and a thick non-melting chocolate. MRE applesauce also tastes great as well as the freeze dried fruit pouches. The fruit bars are so light that they are used by Long Range Patrols. Choose either peaches, pears, or mixed fruit.

While relying on MREs for a long term storage food reserve would prove quite costly, they are a good short term food supply used in 72 hour kits, two week supplies, and office preparedness kits. They store for five to seven years depending on the temperature and require no cooking or heating (they do taste better heated though).

For prices and more information on MREs contact: **SI Outdoor Food & Equipment**, 15600 S. Figueroa Street, Dept. ASG, Gardena, CA 90248; (213) 324-885 or 324-8859 or outside California call (800) 533-7415. ●

URBAN SURVIVAL

PROTECT YOURSELF AND YOUR FAMILY

THE SAFETEX ULTIMATE STUN GUN IS LIGHTWEIGHT AND EASY TO USE AND PROVIDES PROTECTION FROM ASSAULT AND ATTACK ON CITY STREETS OR EVEN IN YOUR OWN HOME. NON-LETHAL BUT EFFECTIVE IN ANY THREATENING SITUATION.

SEE OUR COMPLETE CATALOG OF PERSONAL PROTECTION PRODUCTS

INCLUDING PERSONAL ALARMS, THEFT PROTECTION DEVICES AND URBAN SURVIVAL ACCESSORIES. IF YOU'RE CONCERNED ABOUT PERSONAL SECURITY, CONTACT SAFETEX FIRST.

TO ORDER: FOR STUN GUN SEND CHECK OR MONEY ORDER FOR \$39.95, + \$2.00 SHIPPING & HANDLING TO: **SAFETEX ENTERPRISES** 1269 BROADWAY, SUITE 153, EL CAJON, CA 92021. FOR OUR COMPLETE CATALOG, SEND \$1.00. (619) 442-1749



60,000 VOLTS

Amazing New Sonic 'SUPER EAR' MICROPHONE™

Lets You
HEAR A WHISPER
up to 100 feet away

WARNING! BEWARE OF CHEAP IMITATIONS!

Don't be fooled by "hearing devices" that look like ordinary radio units. Sonic Super Ear is the only high technological unit of it's kind with truly multi-directional capability that is used by surveillance experts around the world. Buy the best!

Just Aim...

And Listen!

The Same Style
Used By Detectives,
Secret Agents & Surveillance
Experts — **NOW AVAILABLE
FOR PRIVATE CITIZEN USE!**



Comes with bracket for binocular attachment

PLEASE NOTE: This device is not intended for eavesdropping or recordings of private conversations.

THE MOST PORTABLE, COMPACT SOUND-GATHERING SYSTEM EVER RELEASED FOR PUBLIC SALE!
Ultra-sensitive 4" "Shotgun Microphone" with volume controlled amplifier.



STEREO HEADPHONES can also be used with your phonograph or tape player. © 1990 CSI

You can INSTANTLY have "super-human hearing" to listen in on the hidden sounds of nature... on a quarterback's secret instructions. Pick a voice out of the crowd.

This lightweight, portable, surveillance-style "SUPER EAR" MICROPHONE™ SYSTEM has the same advanced miniature sound amplification circuitry found in expensive professional models.

Unit weighs only 4 ounces — goes anywhere you do — is easily "hidden" and transported in briefcase, glove compartment, even coat jacket pocket! Makes the perfect gift for any amateur detective.

- **ULTRA SENSITIVE, MOISTURE-SEALED MICROPHONE** AMPLIFIES SOUND UP TO 50 DECIBELS (at 2000Hz)!
- **CAN BE USED HAND-HELD OR ATTACHED TO BINOCULARS AND TAPE RECORDER!**
- **COMES COMPLETE WITH HIGH PERFORMANCE ADJUSTABLE HEADPHONES!**
- **OPERATES ON JUST 1 "AAA" BATTERY (included)**

Retail Value
~~\$79.95~~
Special Price
Now Only
\$19.99

Credit Card Holders
Call Toll Free

1-800-874-3337

100% SATISFACTION GUARANTEED

Listen in on weddings, concerts, sporting events, etc.

A truly multi-directional amplification system to pinpoint sound.



U.S. Consumer, — Dept. BE-66
2721 U.S. 19 North, Suite 173, Palm Harbor, FL 34684
☐ YES! Please rush me (qty.) "SUPER EAR" MICROPHONE SYSTEM(S) at only \$19.99 each plus \$2.75 postage & handling.

Enclosed is \$_____ FL & MI res. add sales tax.
Charge it: ☐ VISA ☐ MC ☐ AMEX ☐ DINERS CLUB

Card # _____

Exp. Date _____ Signature _____

NAME _____

ADDRESS _____

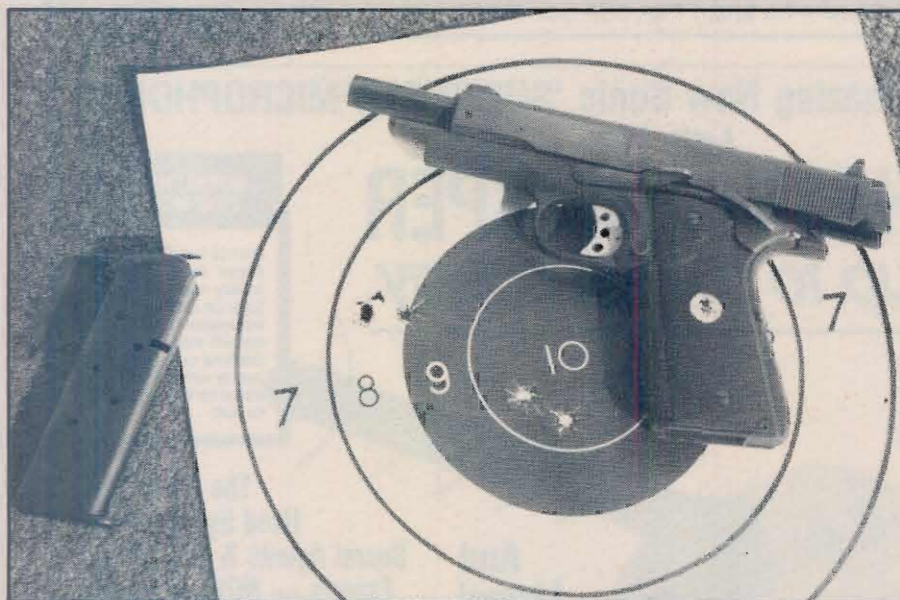
CITY _____

STATE _____

ZIP _____

Federal Ordnance:

Ranger Lite



Five shots fired from the Ranger from 25 yards using a rest. Ammunition was Winchester 230-grain ball.



Despite the lighter weight of the pistol, recoil is about the same as with an all-steel 1911A1.

New

aluminum alloy

frame, steel slide

lightweight 1911A1

.45 pistol . . .

By Jim Benson

FEDERAL Ordnance's new Ranger Lite lightweight 1911A1 Government Model .45 pistol is the result of years of research and development.

Made to military specifications using modern CNC machinery, the Ranger Lite has a stress relieved die cast aluminum alloy frame and a machined 8620 high carbon steel frame. Fed Ord modifies the otherwise military appearance of this pistol by adding Millet high profile fixed sights, rubber wrap around grips, extended slide stop and magazine release, beavertail grip safety tang and a longer, lightened speed trigger. Trigger pull is consistent with government issue 1911A1s at about 6 pounds.

The overall weight of the gun empty is 32 ounces, about half a pound lighter than an all steel 1911A1. Fed Ord parts are interchangeable with government issue 1911A1s.

The lightweight 1911A1 has been a goal of Fed Ord's management for a number of years, following Fed Ord's purchase of Ranger Machine & Tool Company which made lightweight frames only for the 1911A1 .45 pistols. Fed Ord has been producing an all-steel Ranger 1911A1 since 1987. The Ranger Lite was introduced this year.

We obtained one of the first produc-

(Continued on page 66)

Our first test firing session with the Ranger Lite was right after a winter storm in the mountains at 5,000 feet elevation in bitter cold and high winds. Test guns, cameras and shooters were all adversely affected by the cold and accuracy was not good. Later at a gun club range we obtained much better accuracy with the Ranger.

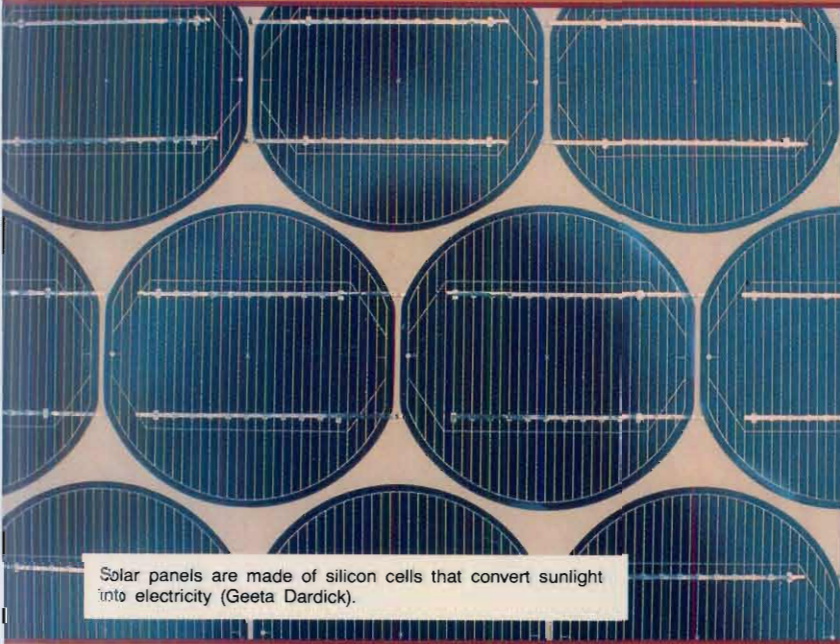


The Ranger Lite with its 380 Die cast MK II aluminum alloy frame weighs only 32 ounces.

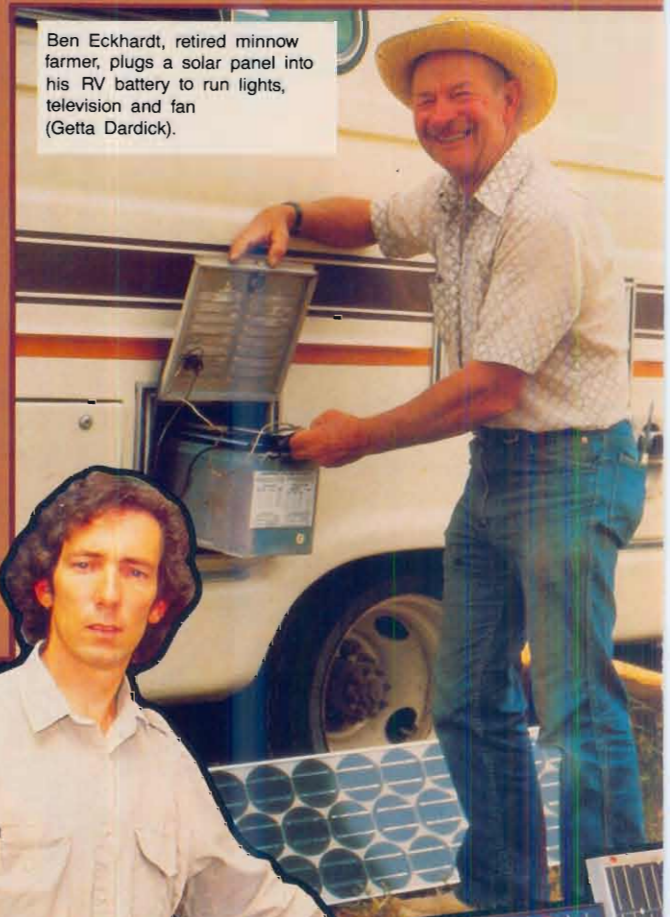
Self Sufficiency:

Energy Independence

How to produce and store electrical power. . .



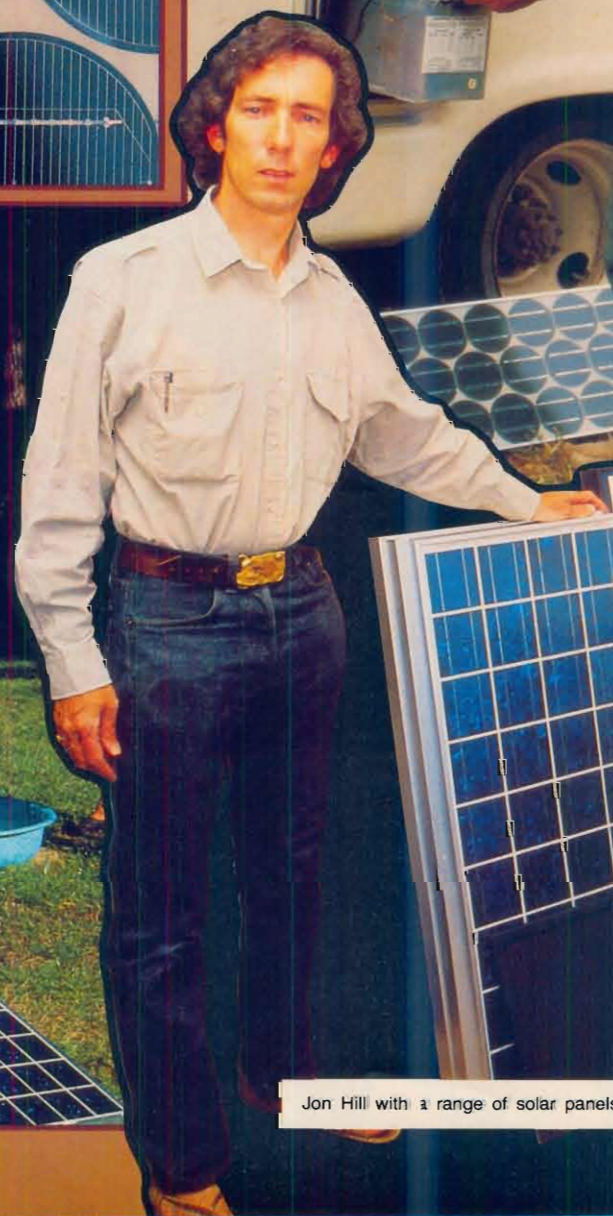
Solar panels are made of silicon cells that convert sunlight into electricity (Geeta Dardick).



Ben Eckhardt, retired minnow farmer, plugs a solar panel into his RV battery to run lights, television and fan (Geeta Dardick).



Hill's booth at a recent solar exhibition. In the foreground is a solar pump (Geeta Dardick).



Jon Hill with a range of solar panels. (Geeta Dardick).

By Geeta Dardick

"I'm a true believer in alternative energy systems," explains Jon Hill, an engineer who owns Integral Energy Systems in Nevada City, California. "When you buy energy from power companies, you give up freedom. If you break the cycle and make your own power, you increase your ability to be truly independent."

Customers who shop at Integral Energy Systems come from all 50 states and 35 foreign countries. They include persons living on rural acreage beyond the power lines, vacationers who travel in Recreation Vehicles (RVs) or boats, urban residents who prefer alternative energy systems to conventional utility power, as well as hikers who like to toss a folding solar panel into their backpacks or quadriplegics who use panels to recharge the batteries in their electric wheelchairs.

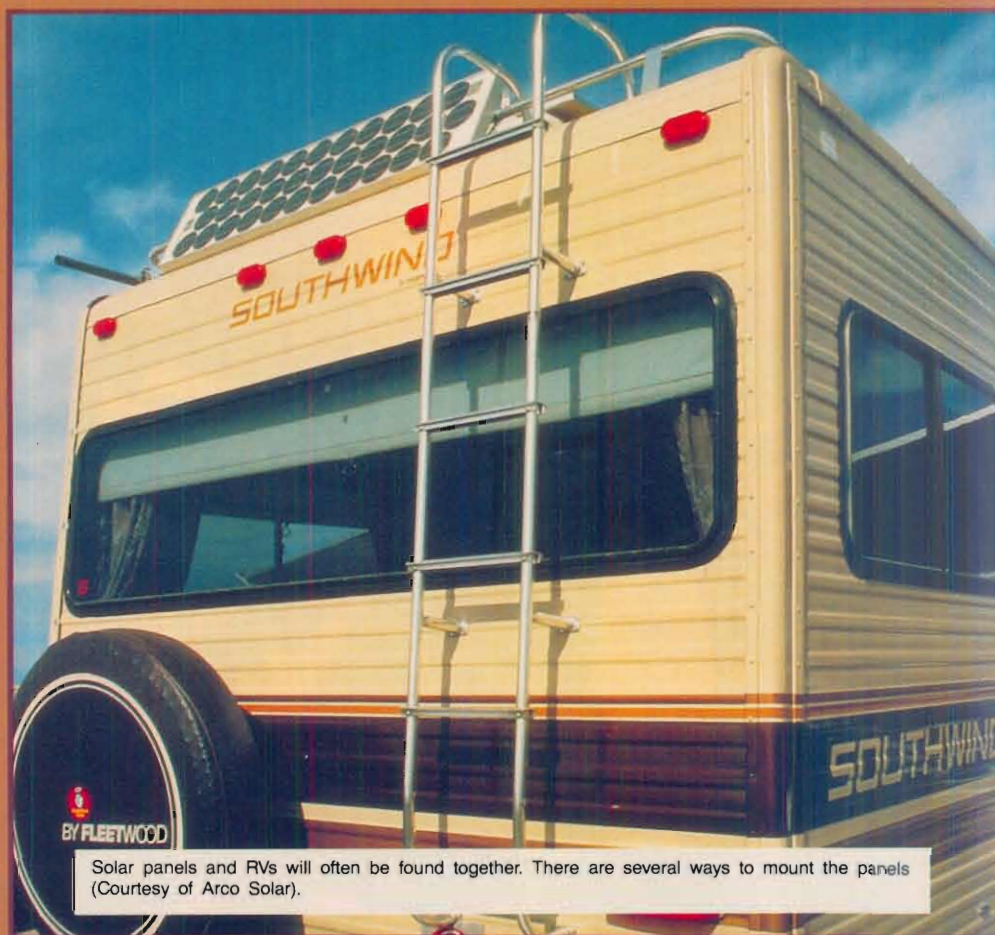
Jon Hill's 83-page booklet called *The 1989 Electrical Independence Guidebook and Catalogue* features solar electric panels (also called photovoltaic panels) in all sizes and shapes, as well as the batteries and inverters they power. Hill also sells wind generators, woodstove hot water heaters, small hydroelectric systems, propane refrigerators, solar-powered water pumps, solar hot water panels, and many other unusual products (like 12-volt answering machines) that offer viable alternatives to conventional utility power. Plus he markets a full line of books for students who want to learn more about alternative technology.

Solar Panels — Although many people seem content to pay monthly electrical bills to commercial power companies, it is quite possible today to power all of your appliances through alternative sources of electricity.

One of the best systems is solar panels which allow you to harness the sun to provide your electricity economically, efficiently, safely and silently.

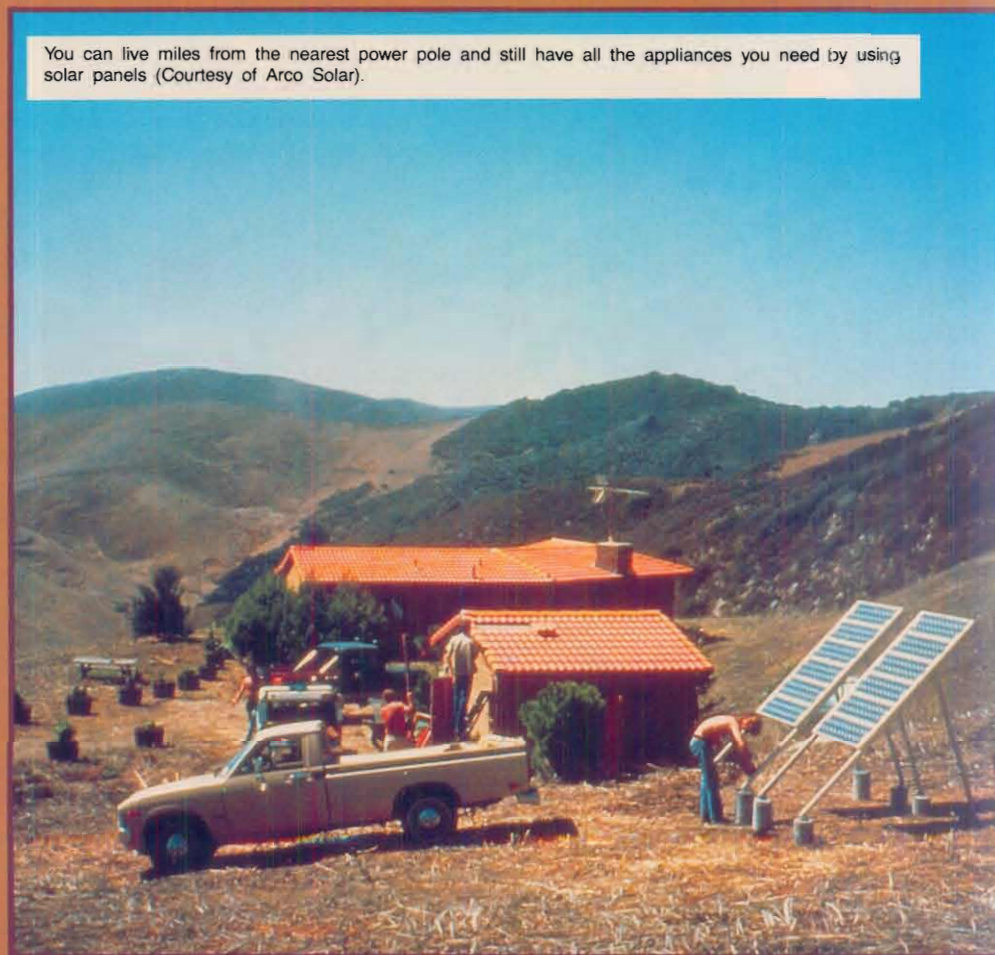
Solar panels are made up of silicon cells. When sunlight strikes the silicon, a flow of electricity results. This current can be used to run an appliance directly (and is used this way for some solar water pumping applications); however, to power appliances in a household, RV, or boat, it is preferable to store the electricity in batteries so that you can use the power at night or in cloudy weather.

When you use solar panels, the



Solar panels and RVs will often be found together. There are several ways to mount the panels (Courtesy of Arco Solar).

You can live miles from the nearest power pole and still have all the appliances you need by using solar panels (Courtesy of Arco Solar).



Energy Independence

amount of electricity you can produce and store depends on three variables: the size and number of panels you own, the storage capacity of your batteries, and the hours of sunlight in your particular location. Besides your panels,

you may also want to have a backup generator/battery charger in order to charge your batteries on days that are overcast. This can be a savings in the long run, because you won't need to size your photovoltaic system for worst-

case weather conditions.

How many solar panels you need is directly related to the number and type of appliances you want to run. When Ben and Gladys Eckhardt, retirees from northern California, travel



Students and faculty at Colorado Mountain College haul solar panels by llama (Doug Stewart).



A boat utilizing solar panels (Courtesy of Arco Solar).

in their RV, they carry one solar panel to run a 12-volt (DC) system that includes: lights, black and white TV, the fan motor in the range hood, and the bathroom fan. However, at the Eckhardt's remote house, three hours down a dirt road on the Baja Peninsula in Mexico, they have an eight-panel array on the roof.

That's because their at-home electricity use is much larger: numerous kitchen appliances and power tools, plus a color television, water pump, and refrigerator. "Solar power is like magic," says Eckhardt. "It allows you to stay in the wilds as long as you want."

To size your own system, you'll want to work with an alternative energy systems supplier. But let's just say you happened to stumble across a 30-watt, 2.0-amp panel. How can you know exactly what it might do for you?

The answer is partially determined by the amount of sunlight in your locale. You can consult a map of average peak hours of sunlight per day within the United States. Presuming you have six hours of sunlight available, you can simply multiply six hours of sunlight times 2.0 amps to determine that you will have 12.0 amp-hours available each day.

Will your 30-watt panel be able to run a 15-watt light bulb and a black and white TV? It's all determined by how long you want to run these appliances, and the amount of sun in your area.

Remember, your panel receives six hours of sunlight per day. How can you know if you will be able to watch TV for two hours in the evening, and then read a book by the light of your 15-watt bulb, for the next three hours?

You can set up your problem this way:

APPLIANCE	AMPS	X	HRS. USED	=	AMPS- HOURS
15 Watt Light	1.3	X	3.0	=	3.9
TV (b&w)	1.4	x	2.0	=	2.8
			TOTAL	=	6.7

Once you know the total amp-hours you will use per day — in this case 6.7 — just divide that by the number of amp-hours produced by your panel in your location, which was 12.0.

Since you are only using 56 percent of your capacity at present, you can make a daiquiri with a 12-volt blender, too (Blenders draw eight amps, but you'll only be running it a few seconds, so there should be no problem).

Battery Storage — In alternative

energy production, batteries make up the core of your system. Your goal is to have batteries with large capacities and keep them charged. Don't even consider using a car battery, it simply isn't adequate. Instead, you'll need to purchase deep cycle batteries.

Standard marine or RV deep cycle batteries can be hauled into the woods (or in and out of boats) because they have handy carrying handles. But they are rather lightweight for a home power system. For the same price per battery, you should consider a pair of six-volt golf cart batteries, which come in various sizes.

If you want a higher quality (longer lasting) battery, buy an industrial battery, the type used in electric fork lifts. They come in many sizes as well, and will last for about 15 to 20 years. Although costly, in the long run they will prove less expensive than golf cart batteries (that might last only four years). And finally, if you could find some used nickel cadmium batteries, you'd be in terrific shape. These will last 30 to 50 years, but are prohibitively expensive if new.

Whatever batteries you put into your alternative energy system, you'll need to treat them with some care. You don't want them to overcharge or undercharge, or become too hot, too cold, or too dry.

To keep batteries from overcharging you'll need to use a voltage regulator in order to shut off the charge when your batteries get full. Also, you want to keep batteries from getting too low because they can build up a crust on the plates called sulfation that will reduce their efficiency. A low voltage battery sensor can be installed to show you when your batteries are low (a light could flash), or simply shut the load off for you.

Batteries prefer room temperature of 78 degrees. If they get too warm (over 90 degrees) they may not last as long; and around freezing, they lose one-third of their capacity. You should try to keep your batteries relatively warm, unless you have a high charge constantly coming in. Keep them insulated in a box next to the house. You can also keep them inside the house as long as you vent them outside. Remember, they give off hydrogen which can be extremely dangerous.

What's Right For You? — You can start out with a gas-powered generator/battery charger to charge some batteries, as your basic bottom-line alternative energy system. Next you

should add solar panels in order to convert the sun's energy into power that you can store in your batteries. Or, if you have a windy site or a flowing stream, you can also hook up a wind generator or waterwheel to produce the power you need (perhaps in conjunction with solar panels).

Whether you live in an urban or rural setting, you should consider producing your own power so that you can be completely independent from the commercial power companies. But what kind of system do you need? Simple or elaborate?

Everyone who reads this article will have different electrical needs. The type of alternative electricity system you will want to develop will be based on two primary variables: your electrical consumption (lifestyles) and your geographical location (sunny? windy? flowing water?).

Before designing an alternative electricity system, you'll need a general idea of the amount of electricity you want to produce. Perhaps you live in a small cedar cabin in the woods. For you a DC system that could run a few lights, the stereo, and television would probably be adequate. Or you might own a 6,000-square-foot home, and want to run everything from jacuzzis and microwaves to shop tools and computers. Regardless of your lifestyle, any appliance that runs on electricity can be powered in an alternative fashion. The only limits on electrical output will be your own budget.

As you think through the appliances you need to use, please realize that some appliances could prove costly in an alternative electrical system because of the volume of current they will draw. For example, to keep you warm during the winter, it's definitely more cost effective to choose wood heating systems over electrically powered heat. For the same reason, many budget-minded individuals tend to buy propane refrigerators which are more economical to run in alternative systems than standard AC refrigerators.

Your water pumping needs can also produce a large load on your alternative system. If your well is over 225 feet deep, you'll need a jack pump which costs more than a submersible pump and also draws a lot more electricity.

Your preferred cooking system is another item to ponder. You can power a microwave with two to three solar panels and be totally independent. But perhaps a propane stove is a cheaper alternative.

The simplest alternative energy sys-

Energy Independence

tems, and those with which you may be most familiar, are straight DC or 12-volt photovoltaic systems. People who drive RVs use these systems frequently. You mount a couple of solar panels on the roof of the RV, and viola! You can run a 12-volt hair dryer deep in the forest.

But according to Jon Hill, many 12-volt appliances, although adequate, are not nearly so reliable or inexpensive as their 110-volt counterparts. Says Hill, "Why pay \$85 for a single speed DC blender, when you can buy a higher quality, 12 speed AC blender for about \$25?"

Hill suggests that anyone seriously interested in alternative power use a modified sine wave inverter, which he calls the heart of the home power system. An inverter lets you make 110 and 220 AC power out of DC battery power. "Inverters have gone through a lot of changes in the past five to ten years," says Hill. "They now have extremely high efficiency at lower prices."

Hill says that a 2,000-watt inverter will run most appliances people would use in a typical home, although not all of them at once. "If you want to iron while you run your jacuzzi and microwave, you might need a 5,000-watt inverter," explains Hill.

Whatever system you choose, it should be installed with an expanded scale digital volt-meter that tells you how much charge you have left in your batteries, as well as an ammeter to tell you how many amps are going into the batteries. That way, if your panels (or water wheel) aren't functioning properly, you'll know it. Also, it's a good idea to put a second ammeter on the load side, so that you can tell how much power you are using. That way, you could be alerted to shut off some of the lights if you are using too much juice too rapidly. You'll also need a backup generator to charge batteries in bad weather (or some other backup power source like a water wheel) because the sun isn't always going to shine. And don't forget to buy a high quality battery charger (some inverters have these built in).

Buying, Installation — When you shop for panels, you'll note that there are three main types: single crystal, poly-crystal, and thin film. Jon Hill recommends single crystal or poly-crystal panels for most installations,

as they are sturdy, rigid, and will last 20 to 30 years. Thin film panels are lightweight, flexible, and bulletproof, but they won't last as long. However, you might want to consider thin film if you needed to haul them a long distance (Or you can always consider moving your panels by llama as students and faculty from Colorado Mountain College did on a recent solar installation in the Rockies).

Installing a solar system in an RV is simpler than making a home installation. You can use brackets to anchor the panel to the roof joists, and run the wires down the refrigerator or plumbing vent to connect them with the battery. You can tilt the panels on the RV roof, but in the long run a flat panel is probably just as efficient as a tilted panel, because you won't always park pointing the same way.

Ben Eckhardt prefers to carry his panel inside his vehicle and take it out when he is stopped. Eckhardt installed a plug that runs to his battery. He plugs the panel right into the side of his RV after he sets up camp. Sometimes Eckhardt stands his panel on the ground, but he prefers to place it on top of the roof. "The reason I like to lay my panel up on top," says Eckhardt, "is so no one knows it's there."

One problem with mounting your panels at the side or top of a vehicle, is that you have to park in the sun to generate electricity. This can get you too hot, too fast. By using a long cord (up to 85 feet using number 12 wire) you can place panels away from a vehicle, and generate electricity at a distance. That way you can park in the shade.

For a home system you can buy special photovoltaic mounting structures that you can put on the roof of the house, or on the ground. The tilt is adjustable, and they are typically designed for wind load of over 100 miles per hour. You can also get a track rack, which will increase output up to 43 percent over a fixed system.

It will pay off if you buy your solar panels and other alternative energy products from an expert in solar energy, someone who has a great deal of experience in the field. Although your bill will list panels, inverters, batteries, and wire, you are also buying that person's expertise in helping you size your system correctly and decide what you really need. You are also paying for long term "free" advise on instal-

lation and maintenance of your entire home energy system.

Jon Hill, who uses an eight-panel solar array in his own remote home, says that alternative energy dealers need to thoroughly understand basic electricity and actually use photovoltaic systems so they can give customers the information they need. Explains Hill: "When people buy a system they are also buying an information service, and it needs to be a high quality one."

It also might prove very helpful to read up on solar electricity or even take a short course in the subject. At Colorado Mountain College in Carbon-dale, Colorado, there's a year-long photovoltaics and energy conservation class that includes weatherization, greenhouse design and construction, solar air heating, solar water heating, and photovoltaics. Or you can opt for a two-week, hands-on summer class that focuses entirely on designing and installing solar electric systems.

At first alternative energy may sound like a complicated topic, but your diligence will pay off. The independence you will gain in having your own power system is well worth the effort and dollars you will spend. Electrical freedom is a worthwhile goal that you can start focusing on today. ●

Readers interested in receiving *The 1990 Electrical Independence Guidebook and Catalogue* should send \$4 to Integral Energy Systems, 105C Argall Way, Nevada City, CA 95959. Or they can call Jon Hill directly at (916) 265-8441 to ask questions about particular alternative energy needs.

Hill's catalogue lists many books which will be helpful to readers wanting to study photovoltaics in more detail.

Practical Photovoltaics by Richard Komp. Contains a lot of technical information on PV and new developments in the field, plus detailed instructions for making small solar panels. 181 pages. \$16.95

Solarex Guide to Solar Electricity, by the Solarex staff. All about photovoltaics from the only U.S. manufacturer. 144 pages. \$7.95.

How to Design an Independent Power System by Terrance Paul. Nine rules to help the reader select inverters, batteries and chargers. 123 pages, \$39.5.

The New Solar Electric Home—The Photovoltaic How-To Handbook, by Joel Davidson. The author is a pioneer in PV system design. 404 pages, \$19.95.

The Solar Electric House: A Design Manual For Home Scale Photovoltaic Power Systems, by Steven Strong. A thorough manual for designing and installing solar electric systems. 276 pages, \$19.95.

KNIFE THROWING

- ANCIENT ART
- MODERN SPORT, DEFENSE & SURVIVAL SKILL

Arm yourself with this extensive collection of hard to get books on the subject.

KNIFE THROWING — A PRACTICAL GUIDE by Harry K. McEvoy. The author, founder of the Tru-Balance Knife Co. has coached and demonstrated knife and tomahawk throwing for more than 30 years. Weapon choice, how to, accuracy, tomahawks and bowies, professional practice and hunting. \$6.95

KNIFE THROWING PROFESSIONAL STYLE by Harry K. McEvoy. 22 pages, 16 photos. \$4.00

KNIFE AND TOMAHAWK THROWING by Harry K. McEvoy. 28 pages, 21 photos. \$6.00

KNIFE THROWING by Blackie Collins. This famous knife designer not only deals with the latest effective techniques for sport knife throwing but then instructs on the application to hunting, survival, and knife fighting. 31 pages, 29 photos. \$6.00



SILENCERS

FROM THE HOME WORKSHOP

Plans, instructions, parts list, parts source. Genuine suppressors, not copies of old patents or useless drawings. 51 pages, 46 photos and drawings. \$8.95

SURVIVAL BOOKS

11106 MAGNOLIA BLVD., N. HOLLYWOOD, CA 91601-3810 • ATTN: DIRK (818) 763-0804 OPEN 7 DAYS

Prices subject to change • Catalog \$2.00 • Orders paid with money order or credit card sent immediately, personal check orders held 4 weeks

THE DYNAMIC DUO!

AT-22 SEMI-AUTO .22 LR CARBINE

AT-9 9 MM SEMI-AUTO CARBINE

To find out more about these exciting new Hi-Tech 100% U.S. made sporting rifles, please contact us:

FEATHER INDUSTRIES
2300 Central Ave., Unit K • Dept. ASG-5
Boulder, CO 80301 • (303) 442-7021

Feather Industries Inc.  **MADE IN USA**

HK91/93/94 or MP5 (All Variations)



B-Square has a new Military Mount for the HK91/93/94, MP5, etc. — the new mount simply 'snaps' over the gun's receiver and locks with a single knob. It can be quickly removed and replaced without zero change. Also the gun's sights can be used with scope installed. The mount is complete with one-inch (1") standard dovetail scope rings and Military Nato Stanag scopes can also be installed. The standard dovetail also allows Laser and electronic devices to be used.

Suggested list price is only \$99.50, (complete with rings) #14960. Insist that your dealer carry B-Square.



B-SQUARE CO.
Fort Worth, TX 76110

SHOTGUN ASSAULT GRIPS & SIDESADDLE

Available for:
• Mossberg 500
• Remington 870
• Winchester 1200

ASSAULT GRIPS

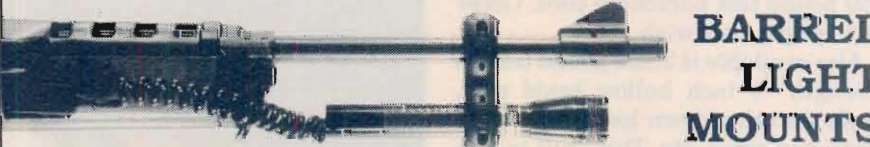
Injection molded from a high-impact polymer, these grips are quickly installed with no alteration to your gun. Instructions and hardware included.

— Dealer inquiries invited —

SIDESADDLE — Shotgun Carrier

Attaches directly to the receiver with no alteration to shotgun. Holds six extra rounds in the easiest to load position. (Available for the Moss. 500 & Rem. 870/1100 only)

Rear Grip.....\$16.95 Fore Grip.....\$19.95
Sidesaddle.....\$24.95



BARREL LIGHT MOUNTS

PRESSURE SWITCH END CAP for Streamlight Jr. & Mini-Mag Light

The Pressure Switch End Cap fits both the Streamlight Jr.™ and the Mini-Mag Light™. It comes with a 3-inch coiled cord which stretches over 18-inches. The pressure pad comes with Velcro™ mounting tape.....only \$12.95



Add \$3.00 U.S. & \$5.00 Canada S&H
(602) 646-5814



Phone orders: Visa, MasterCard or UPS Cash COD

ADVENTURER'S OUTPOST

P.O. Box 70 • Dept. PSN • Cottonwood, AZ 86326

for AA Flashlights

- (A) Scope, (fits dia. 1.005-.995)
- (B) Shotgun Bl. (fits dia. .860-.850)
- (C) AR-15 HBAR (fits dia. .730-.720)
- (D) UzI, Mini-30 (fits dia. .630-.620)
- (E) AK's, FN FAL (fits dia. .620-.610)
- (F) HK-94, M1 C (fits dia. .600-.590)
- (G) AR-15/M16 (fits dia. .580-.570)
- (H) Mini-14 (fits dia. .560-.550)

Machined from 6061T6 aluminum
Includes nylon bushing and wrench.
only \$19.95 ea.

Survival Inc.:

Rope Supplies

*A variety of rope and cord for
survival storage and use...*



Staff Report

Prepackaged lengths of nylon cord are always
handy for camping.

Survival Inc. (SI) has been able to find some amazing wholesale buys on rope and they're passing on the savings to you. A supplier of rappelling rope for the 1989 contract made a dyeing error giving the rope a green zebra striped effect. The color variations range from regular olive drab to pure black. The military cannot accept it and so you save 40 percent on price. The dye has no effect on the rope's strength, and it still carries the full 7,000 pound certification. SI also carries genuine Mil Spec rappelling line without the color problem.

Parachute cord is always handy to have around. Backpackers use it to string up the day's fishing catch, make clothes line for drying clothes, rigging lines for tents or lash improvised shelters, etc. SI has large spools of 550 pound test parachute cord. Order any length you wish.

Also available is 2,200 pound tensile strength $\frac{3}{8}$ inch hollow braid poly, made for tying down loads, roping off restricted areas, etc. This stuff is also abrasion resistant.

1,000 pound tensile strength $\frac{3}{16}$ inch nylon tie down rope is available in white instead of olive drab but is still made to military specifications.

Contact SI for the latest prices on all of these ropes. SI Outdoor Food & Equipment, 15600 S. Figueroa Street, Gardena, CA 90248; (213) 324-8855 or 324-8859 or outside California dial (800) 533-7415. ●



550 pound test parachute cord along with some
twisted nylon $\frac{3}{16}$ diameter.



Heavy duty rope for boating and tie down needs.



SURVIVAL SUPPLIES



600+ ITEM CATALOG OF HEALTH & SURVIVAL PRODUCTS

- Food Storage
- Food Preservation
- Food Preparation
- Water Purification
- Water Storage
- Emergency Protection Supplies
- Homesteading Supplies
- Wilderness Supplies
- Hunting Equipment
- Sanitation Equipment
- Underground Shelters & Equipment
- Books, Herbs & More

Send \$2.00 to: THE SURVIVAL CENTER
P.O. Box 707, Dept. 129 • Ravenna, OH 44266
Call Toll-Free 800-321-2900 • Ohio 216-678-4000

THEY'RE BACK!!! K G B BALLISTIC KNIFE!

YOU CAN OWN ONE. (LESS SPRING.)

IN STOCK NOW!!!

AMERICAN MADE OF QUALITY MATERIALS.
RUGGED CONSTRUCTION. MATTE BLACK ANODIZED
ALUMINUM/TEMPERED STEEL BLADE.

SOLD ONLY WITHOUT SPRING. ASSEMBLED KNIFE
MAY BE ILLEGAL IN SOME STATES.

A REAL COLLECTOR'S ITEM, OR GREAT
SURVIVAL KNIFE. HANDLE COMPARTMENT STORES:
HOOKS, FISHING LINE, SNARE WIRE, MATCHES, ETC.

COMPLETE KNIFE \$85.00.

MINIMUM ASSEMBLY REQUIRED.

SPARE BLADE ASSEMBLY \$20.00 WITH KNIFE ORDER.
(\$25.00 IF ORDERED SEPARATELY.)



FREE SHIPPING IN
CONTINENTAL U.S.
ADD \$3.50 HANDLING.
CERTIFIED CHECK OR
MONEY ORDERS ONLY.
NO COD'S OR
PHONE ORDERS PLEASE.
DEALER INQUIRIES WELCOME
CALL 9 - 5 EST M - F

1-800-448-6503

MAKE CHECKS PAYABLE TO:

SPYE KNIFE COMPANY
P.O. BOX 902
FT. PIERCE, FL 34954

I AM 21 YEARS OLD.
ENCLOSED IS MY MONEY ORDER/CERTIFIED
CHECK FOR \$ _____.

PLEASE SEND ME _____ KNIFE(S).

PLEASE SEND ME _____ BLADE ASS'Y(S).

TO: NAME: _____

ADDRESS: _____

CITY & ST: _____

ZIP: _____

John Jovino Co.:

Australian Enfield Rifle

The venerable S.M.L.E. NO. 1 MK III military rifle. . .



By Jim Benson

SOME of the Enfield rifles of this type have been around since before the turn of the century.

The Short Magazine Lee Enfield (S.M.L.E.) No. 1, Mark III rifles in .303 British caliber were used in World War I, World War II and even the Korean War by regular military forces. Some were seen in the hands of rebels fighting the Soviets in Afghanistan. A sniper variant was used by British troops in Northern Ireland in the 1970s.

The John Jovino Co. Inc. (5 Centre Market Place, Dept. ASG, New York, NY 10013; phone 212-925-4881; FAX 212-9664986—ask to speak with Sales Manager Robert Seligman) has imported a considerable quantity of these

10-round detachable magazine fed, bolt action military surplus rifles from Australia and they are now available for sale to the American public.

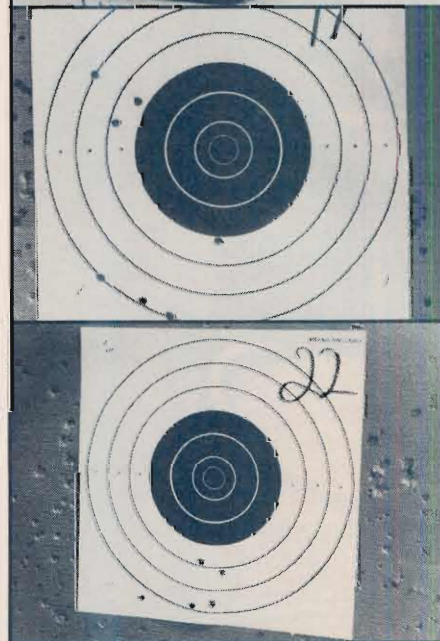
Purchased from the Australian government and made in Australia, the rifles are available in three grades of quality: very good to excellent condition, like new condition (such as the sample shown and tested here), and a limited quantity of new condition (refinished).

The machinery used to make these rifles was made in the U.S. and proofed by Colt Firearms in the early part of this century, according to John Jovino Sales Manager Robert Seligman. He said the quality of these Australian Enfields is such that the tolerances are far superior to any of the other Enfields of this type made elsewhere.

The Australians, he said, took much better care of their Enfields, generally, than was provided by other governments and as a result, these guns are in excellent shape.

There is a lot of history behind these weapons, and although there wasn't time to do extensive research on them in the brief period that we had and tested our sample rifle, you can tell that it's seen some use for many years by the markings on it, and yet it's practically new, as far as I can tell. The bore and rifling appeared to be in excellent condition and the stock (probably Australian Coachwood) is in

(Continued on page 36)



Benchrest shooting with the Enfield yielded these groups on targets 100 yards away with the very first shots fired.

INSTRUCTIONAL VIDEO



AMAZING BREAKTHROUGH IN SELF-DEFENSE

- Forget Karate, this is the ultimate in self-defense.
- One continuous block protects against all punches and kicks
- This self-defense is built around two natural moves anyone can do.
- Everyone has the right to defend themselves, now anyone can.
- Learn at home using this 40 minute step by step instructional video.
- We do not use weapons in this self-defense.

To order send check or money order for **\$22.50** plus **\$3.50** to:

ULTIMATE SELF-DEFENSE INC.
P.O. BOX 1507
MESA, AZ 85211

30 day money back guarantee
Arizona residents add 6.5% sales tax

Name _____
Address _____
City _____
State _____ Zip _____

THIS FOX IS ON THE MOVE!



Quality materials, skillful hands & modern technology combine with old world European pride of craftsmanship to produce FOX KNIVES.



For more information Contact:

CATOCTIN CUTLERY

PO Box 188, 17 South Main Street
Smithsburg, MD 21783
Phone 301-824-7416 Fax 301-824-6138

FOX #684 Bolo

Graceful flowing lines of a brush knife intended for business and still at reasonable prices.

This beautiful knife has the following features:

- 9" blade, 13 1/2" overall
- Solid brass guard
- Black micarta handles
- High quality black leather sheath

FOX #685 N.E.K.

A modification of the #684 which tends to give a Bowie appearance. This knife is being used by the Italian Navy in helicopters as an emergency knife.

This knife has a sleek design as well as sturdy construction and includes these features:

- 8 1/2" blade, 13 1/2" overall
- Solid brass guard
- Black micarta handles
- High quality black leather sheath

SIERRA SUPPLY EXCLUSIVES!

MERCHANDISE NOT OFFERED TO THE PUBLIC BEFORE

M-16 BARRACKS CLEANING ROD, 1 piece cleaning rod made for Viet Nam but never issued. Rare, new in the wrap.

Rod only \$3.95

Rod complete with brush & patch tip \$5.75

KEYLAR HELMETS: current helmets used by US Combat Troops. Used, very good condition. Complete with camouflage cover, camouflage band & a new sweat band. 100% satisfaction guaranteed.

Small, medium \$70.00

Large \$80.00

ASG SPECIAL POST PAID IN CONT. US

MILITARY MOUNTAINEERING TC 90-6-1, APRIL 1989 332 PAGES: the definitive doctrine on High Altitude Combat. In depth coverage on equipt., medical considerations, rappelling, belaying, weather, tactics, survival rope usage, knots etc. If you live or vacation in the mts. or if you climb or repel, this manual needs you.

Lavishly illustrated \$20.00

M-14/M1A STOCK EXTENSION: extend your stock 1 1/2 inches & save your shoulder. Hard butyl rubber to take years of abuse. Use existing stock screws for easy & instant application. \$14.95 2/28.00

PRICE BUSTERS! • PRICE BUSTERS! PRICE BUSTERS!

Why pay my competitors prices???????????

LIGHT STICKS: 12 Hour, assorted, colors when available.
\$1.50 10 sticks/12.00

G.I. EAR PLUGS; PROTECTIVE, RUBBER. Current contract ear plugs without the case.

Size medium \$1.00 per pair 3 prs. 2.75

WATERPROOF MATCHES: 45 matches per box.

75¢ per box, not 98¢ for 25! 3 boxes 2.00

NYLON PARTS BRUSH: plastic handle with stout nylon bristles. Solvent resistant, perfect for small arms parts cleaning.

75¢ 3/2.00 not 1.50

MEDICAL SUPPLIES

Guaranteed fresh and sterile

TOOTHBRUSH, PERSONAL: New in the box, specify soft, medium or hard. At this price stock up. Why pay 89¢ to \$1.89 in the store?????????????

1/60¢ • 1/1.00 • 5/2.00

GAUZE ROLLS: 2" by 6 yards, sealed & sterile 3/1.00

GAUZE ROLLS: 4" BY 10 YARDS 3/2.00

SCALPEL BLADES: specify #10 or #11, new in wrap.

\$1.25 5/5.00

CHAPSTICK, COLD WEATHER, G.I.

not 98¢ 50¢ per tube

WATER PURIFICATION TABLETS: iodine. 50 tablets

per bottle. 75¢ 3/2.00

MISC. NEW WEAPON ACCESSORIES

Shop at SIERRA and spend the difference!

G.I. .30 CALIBER ROD SECTIONS: new per section.

75¢ 3/2.00 (reg. \$1 each)

G.I. SLING: small arms, leather, national match. current contract, 1 1/4 swivels. not \$20 \$18.00 2/36.00

M-14/M1A SIGHT COVERS: front & rear. Original issue,

protect your sights. Front \$4.00/rear 4.00 per set 7.50

M-1 CARBINE 5 ROUND HUNTING MAGAZINE:

blued steel, US made \$5.00

AK 47 30 ROUND MAGAZINE: Chinese manufacture,

blued steel \$25.00

CAMOUFLAGE GUN RAGS: cotton flannel covers to

protect fire arms, great for long term storage.

Shotguns & rifles without scopes \$2.50 2/4.50

Scoped & military weapons \$3.00 2/5.50

G.I. .30 CAL CLEANING PATCHES: 2 1/2 by 2 1/2

inches. Per 1000, can be cut down to fit all weapons, cotton

flannel. \$16.00 per 1000 ... 3.50 per 200

.223/.22 CALIBER CLEAN PATCHES: 1 inch by 1 inch,

cotton flannel. \$7.50 per 1000 • 2.75 per 300 • 1.00 per 100

M-16 30 ROUND MAGAZINES: G.I. contract, New in the

wrap \$8.00

WAREHOUSE SPECIALS

Buy and save!!!

MRE MEAL OVERRUN: My choice of entrees, these are complete meals \$33.00/10 meals

Postpaid cont. US only. **MY CHOICE OF MEALS**

ISRAELI GAS MASKS: read the small print & wade

through my competitors hype, **SAVE AT SIERRA SUPPLY.**

THE BEST PRICE OFFERED!!!

1 mask & filter \$7.95

2 masks & filters \$15.00

REPLACEMENT FILTERS 2/12.00

DEPENDABLE MERCHANDISE FOR UNCERTAIN TIMES

\$10 minimum order. Money Orders, Cashiers Checks get first priority. Personal Checks & Company checks will be held 14 Bank Working Days. **VISA & MasterCard GLADLY ACCEPTED**. Canada, Alaska & Hawaii orders add 30% for shipping. Overages will be refunded. See shipping chart for correct amount to add to order. COD orders \$5 plus shipping.

\$ 10.00 - 25.00	add \$3.00
25.00 - 40.00	add 4.00
40.00 - 70.00	add 4.75
70.00 - 100.00	add 5.75
100.00 - 150.00	add 6.00

Orders over \$150 postage paid
Continental US ONLY

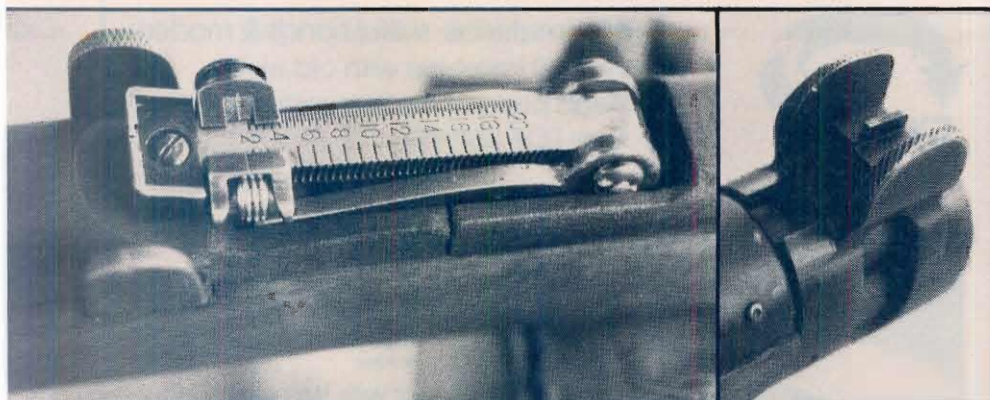
This is a VERY partial listing of our merchandise.
Send \$1 for our full catalog to:

SIERRA SUPPLY
P.O. BOX 1390 DEPT. ASG
DURANGO, CO 81302
303-259-1822



Australian Enfield Rifle

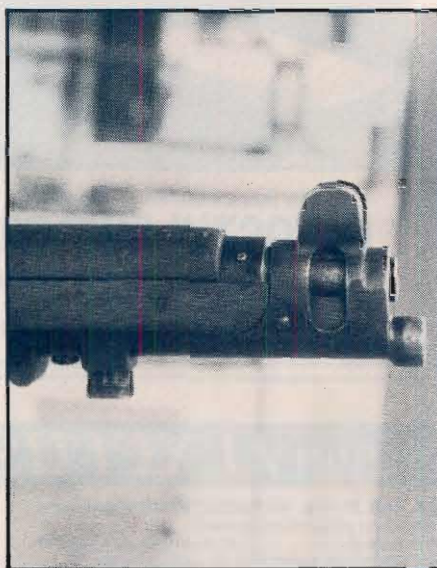
(Continued from page 34)



The rear leaf sight has a U notch and is adjustable for ranges out to 2,000 yards. Front blade sight is protected by wings.



The 10-round staggered box magazine can be loaded with stripper clips while in the rifle or removed from the rifle and loaded separately.



The No. 1 MK III's muzzle with bayonet mount.



The Australian Enfield was a pleasure to shoot but it's heavy, weighing over 10 pounds when loaded.



Some of the markings on the rifle.

fine shape as well.

The rifle is on the heavy side compared with modern military rifles, weighing in at about 9.5 pounds with empty magazine. Overall length is 44.5 inches and the barrel is 25.2 inches long. This turning bolt firearm utilizes a staggered 10-round box magazine

that can be fed by stripper clip from the open breech or removed and loaded by hand.

The rear sight is a folding leaf type with U notch, adjustable for elevation and distance to 2,000 yards. Front sight is a windage adjustable blade with protective "ears" or wings.

The metal parts have a gray non-reflective parkerized finish and all metal and wood on our test gun are as good as new. This piece has been well preserved. As I said earlier, it's rated as a like new condition.

If this is like new, I'd love to see new condition. The .303 British round is powerful and compares roughly with our modern .308 Win. (7.62 NATO) round. We obtained a bandoleer of surplus military .303 rounds in stripper clips from Federal Ordnance, Inc. (1443 Potrero Ave., P.O. Box 6050, South El Monte, CA 91733; 818-350-4161), which has quite a bit of this stuff along with all kinds of other military surplus firearms, ammunition and accessories obtained from sources around the world. We found this ammunition worked perfectly in our test rifle and we recommend it. The .303 ammunition is fairly commonly available in this country as military surplus and new commercial product and reloading equipment is also available.

At a nearby rifle range we set up some targets at the 100-yard range and proceeded to bench rest test fire the rifle. There's considerable recoil, despite the weight of the rifle, but nothing particularly uncomfortable to deal with unless you're going to be firing for hours at a time. We were surprised to find how easy it was to shoot this rifle and how accurate it is. Our very first groups were 6 inches and 4.5 inches. Operation was flawless and smooth. This is one very reliable and accurate gun!

In our estimation, the Australian S.M.L.E. No. 1 MK III rifles, if this one is typical, are an outstanding lot and would be excellent for hunting, target practice and even, if needed, for self defense. An owner's manual is being prepared for the rifles but was not available with our test piece.

Top quality construction and materials, excellent accuracy and reliability. These are features we look for in the firearms we test and this gun has them all. We were asked not to give suggested retail prices for these rifles as they will vary according to the dealer who has them and the grade you desire, but from some dealer prices we were quoted, the prices of these rifles are very reasonable. Ask your gun dealer about them or contact Robert Seligman at the John Jovino Company for more information. ●



one arm BANDIT

MADE IN CANADA

- ★ OPEN YOUR FOLDING KNIFE WITH ONE HAND!
- ★ LIGHTNING FAST OPERATION
- ★ PRECISION MACHINED FROM STAINLESS STEEL BAR
- ★ POSITIVE ATTACHMENT - FULLY ADJUSTABLE
- ★ LEFT OR RIGHT MOUNTING - NO SLIP GRIP
- ★ NO SNAG - COMPACT DESIGN
- ★ USE WITH YOUR ORIGINAL SHEATH

NOW AVAILABLE IN TWO SIZES!

- STANDARD MODEL (A) FITS BLADES UP TO 1/8 INCH THICK.
- NEW MODEL (B) FITS BLADES OVER 1/8 UP TO 3/16 INCH THICK.

USED BY LAW-ENFORCEMENT, SPORTSMEN, TRADESMEN AND EMERGENCY PERSONNEL.

- "WE HAVE THOROUGHLY TESTED THIS ITEM AND FOUND IT ALL IT CLAIMS TO BE." - S.W.A.T.
- "IF YOU'VE LONGED TO OPEN YOUR FAVORITE FOLDING KNIFE WITH ONE HAND, THEN THE ONE ARM BANDIT IS FOR YOU!" - GUNS + AMMO
- "TRANSFORMS CONVENTIONAL FOLDING HUNTERS INTO ONE HANDERS!" - BLADE TRADE
- "ONCE ANCHORED, IT STAYS PUT!" - PETERSEN'S HANDGUNS
- "... THE BEST QUICK OPENING ACCESSORY..." - MASSAD AYCOB
- "... AN EXCELLENT PRODUCT!" - BRIAN E. OHIO
- "... VERY PLEASED WITH THE QUALITY..." - MARLON B. CALIF.
- "... LIFESAVING FOR MY EMPLOYEES..." - DAN B. FLORIDA
- "PLEASE SEND ME FOUR MORE!" - JERALD S. WIS.

IF YOU DEPEND ON YOUR KNIFE, DONT GET CAUGHT TWO HANDED... BE READY WITH YOUR ONE ARM BANDIT!

SEND 7⁹⁵ + 2⁰⁰ SHIPPING - POSTAL MONEY ORDERS ONLY PAYABLE TO: Y.B. TECHNOLOGY
P.O. BOX 65, SNOWDON STATION
MONTREAL, QUEBEC, CANADA H3X 3T3

FIRE THE WORLD'S MOST POWERFUL AIRGUN

\$129.95
Scope \$19.95



Fires Lethal Projectiles And Launches Auxiliary Devices
High Impact, Low Noise
No Smoke, No Flash
Use as Rifle or Shotgun
Make Your Own Ammunition

This awesome weapon charges from any source of air pressure (CO₂ power optional). Fire .50 Cal and .57 Cal lead balls for incredible knock down energy. Fire shot loads for birds and small game. Fire more powerful fin stabilized, discarding sabot projectiles that can kill anything at extended ranges.

Non-lethal applications include launching nets for fishing or animal capture, launching ropes and lines with a monkey fist, firing rubber bullets & tear gas for crowd control, and firing up to 100 action pursuit paintballs.

Use your Visa or MC and phone your order for next day shipment. Send a check or money order. Write or call for COD & Purchase Order information. Brochure \$2.

AIRPOWER SABOT CANNONS

707 Wells Rd. #2ASG. Boulder City NV 89005
TELEPHONE ORDERS CALL 1-800-962-4111

TECH DATA

- BLADE: G-2 Chrome Molybdenum high carbon stainless steel, PlainEdge or SpyderEdge.
- HANDLE: Asymetrical
- 400 series stainless steel used for scales, clip, and screws; brass liner.
- LOCK: Positive Front-Lock. One hand release. (Al Mar Design)
- DIMENSIONS:
Overall length closed: 3" (76mm)
Cutting edge length: 1 3/4" (44mm)
Overall length open: 5 1/2" (128mm)
Overall width: 7/16" (11mm)
Blade thickness: 3/32" (2.5mm)
Weight: 2.72 oz (77gms)



See your local dealer

CLIPIT CoPilot

A Performance Knife Sized For Airline Travel



Spyderco, Inc.
P.O. BOX 800 GOLDEN, CO 80402

dealers - 1(800) 525-7770

- Unexpected Horsepower
- Discrete Function
- Convenient Access
- One Hand Open One Hand Close



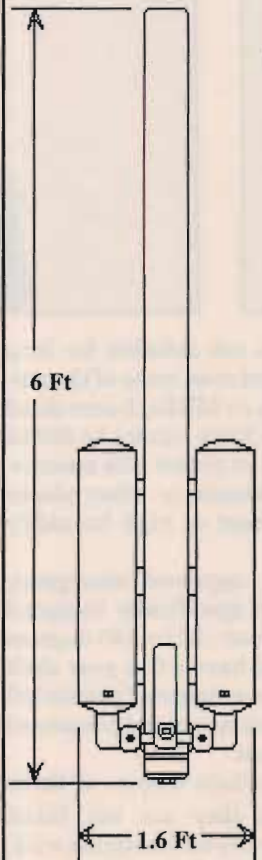
HEAVY MORTAR

ELECTRICALLY FIRED COMPRESSED AIR WEAPON

This amazing long range weapons system can deliver a variety of projectiles and sub-munitions to targets as far as 350 yards down range. You can even lay down smoke using the Phoenix Systems Riot Buster Smoke Grenades, or munitions of your own design.

The mortar gets it's punch by employing throw-away SABOTS to increase the surface area of the round during the launch phase. The Sabot is ripped away as the projectile leaves the muzzle and continues down range at a high relative velocity. The weapon we have illustrated here is a breach-loader, weighs less than 40 Lbs, has two 150 Psi reserve tanks, uses bubble-wrap sabots and can just about rip the labels off a soup can.

BUY IT FROM US OR BUILD IT YOURSELF



3 INCH HEAVY MORTAR _____ \$ 249.95

Plans, Drawings & Specs Only _____ 24.95

3 INCH HEAVY MORTAR KIT _____ \$ 189.95

Kit is shipped complete with all component parts and can be assembled in about an hour with pliers and a screw driver. Our construction plans & drawings are 100% complete and have been generated on an advanced CADD system. We include details on every aspect of the fabrication & assembly process and include multiple vendor listings for all component parts. We also include tables & range calculation data for various weight projectiles.

MAIL IN ORDERS

Check or Money Orders to;

TRG MANUFACTURING INC.
20620 Burl Court, Dept AS-5
Joliet, Illinois; 60433

PHONE ORDERS

Visa & MC Orders to;

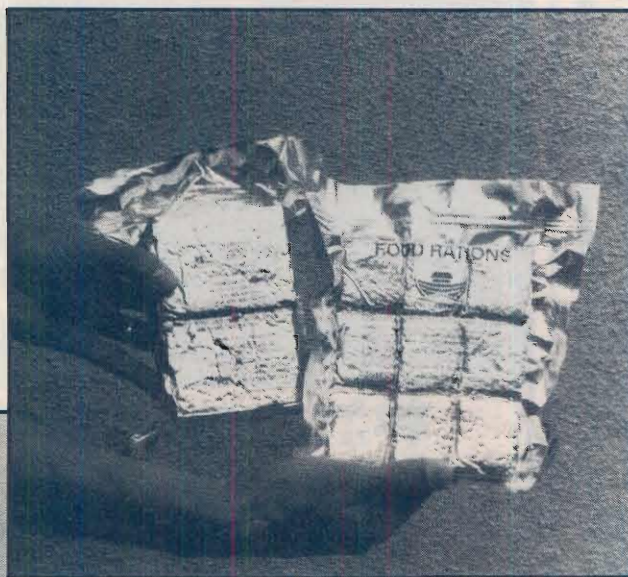
1-815-727-2400
8 am to 6 pm CST
Illinois residents add 7% sales tax

NITRO-PAK:

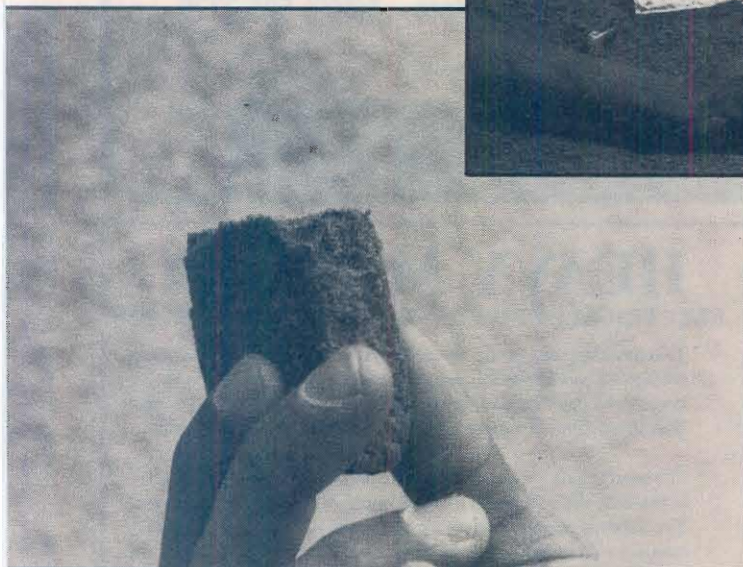
Emergency Food Rations

U.S. Coast Guard approved rations for high-stress emergencies...

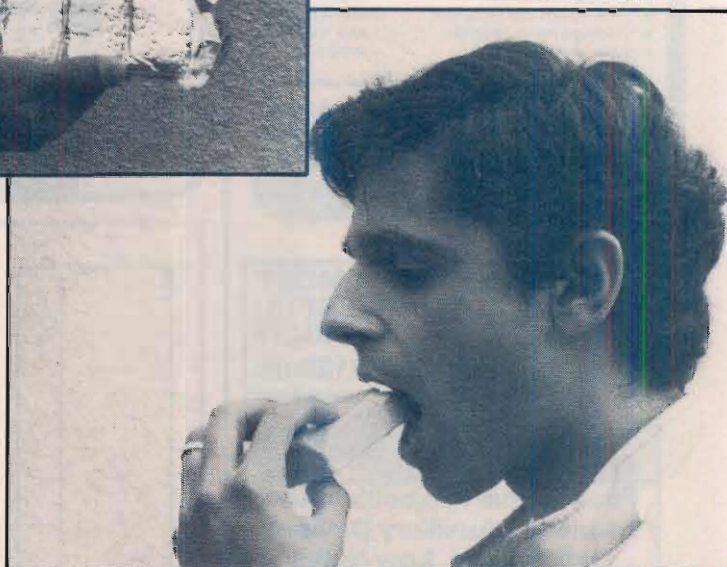
Vanilla flavored ration (left) provides 3,600 calories for three days. The chocolate flavored ration contains 2,700 calories in nine squares.



A chocolate flavored ration square provides 300 calories and does not provoke thirst.



We found the rations tasted somewhat like shortbread cookies.



Staff Report

In many emergency/survival situations it is possible to become cut off from the benefits of civilization. Be it an automobile break down, a hiking accident, a plane crash or a boating mishap, the only help you will probably receive is through the preparations you have individually made in advance.

While food is not considered an immediate need after a survival crisis, it does play an important role in the psychological aspect of recovery. Food can have a calming, pacifying effect, and provides reassurance to the victim of a stressful situation.

However, the food that we normally

eat everyday is not suitable for long term storage, and even some of the survival foods such as MREs, freeze-dried and dehydrated foods cannot be stored for long periods in places like automobile trunks, lifeboats or other places prone to high heat or high humidity conditions.

Coast Guard approved emergency food rations are specifically designed for these extremes (-20 to 140 degrees Fahrenheit) and have a five year shelf life. Packaged in waterproof plastic/foil pouches, the rations are pre-measured and ready to eat.

Another important feature of these rations is that they are not thirst provoking. They can be consumed without having to "wash it down" with water for assimilation. They provide

a fine balance between protein, carbohydrates and fat, leaning more on the carbohydrate side.

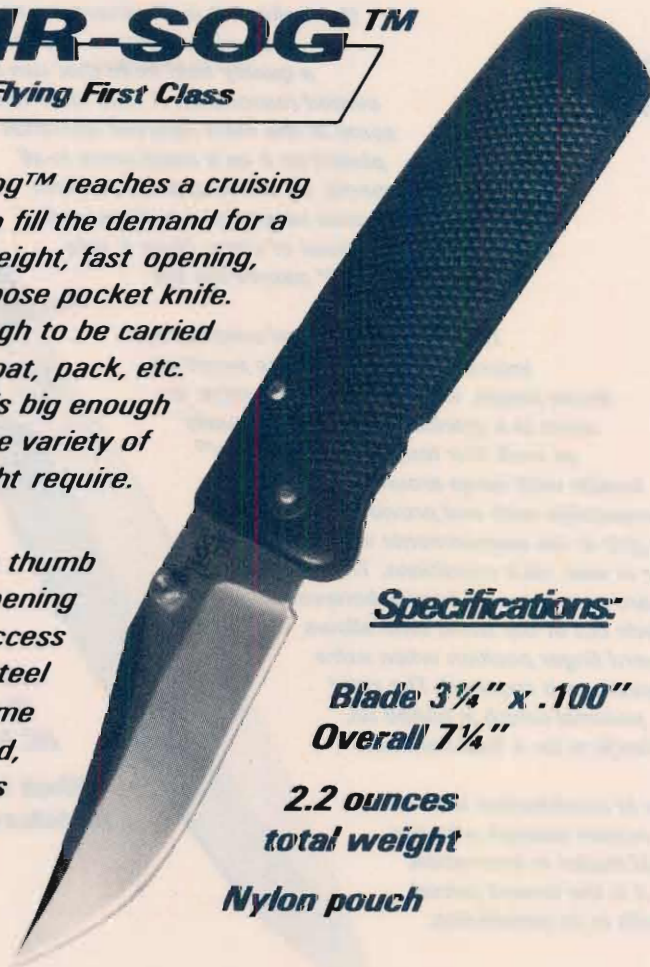
NITRO-PAK is offering two types of rations. The first unit provides 2,700 calories for three days per person and is divided into nine squares (300 calorie meals). This unit has a chocolate flavor and costs \$8.95 plus \$2.95 shipping or for a case of 10, \$85.95 plus \$8.50 shipping. The second unit is vanilla flavored and provides 3,600 calories in four separate bars. This is also a three day ration for one person and sells for \$9.95 plus \$2.95 shipping. A case of ten costs \$95.95 plus \$8.95 shipping. Contact: NITRO-PAK Survival Foods & Supplies, 13243 E. Rosecrans Ave., Dept. ASG, Santa Fe Springs, CA 90670; (213) 802-0099. ●

AIR-SOG™

Flying First Class

The Air-Sog™ reaches a cruising altitude to fill the demand for a lightweight, fast opening, multi-purpose pocket knife. Small enough to be carried in any purse, coat, pack, etc. the Air-Sog™ is big enough to satisfy the variety of chores you might require.

Utilizing an ambidextrous thumb stud for one hand opening allows immediate access to Air-Sog's™ stainless steel bowie blade and awesome cutting power. The sleek, molded, glass-reinforced Zytel® handle is checkered for passenger comfort and control.



Specifications:

Blade 3¼" x .100"
Overall 7¼"

2.2 ounces
total weight

Nylon pouch

For information contact:

SOG Specialty Knives, Inc.
P.O. Box 1024 Dept. 8G
Edmonds, Washington 98020
(206) 771-6230
Send \$1.00 for Brochure.

SOG
SPECIALTY
KNIVES
Inc.

Producers
of
World
Class
Blades

SOG-GOVERNMENT™

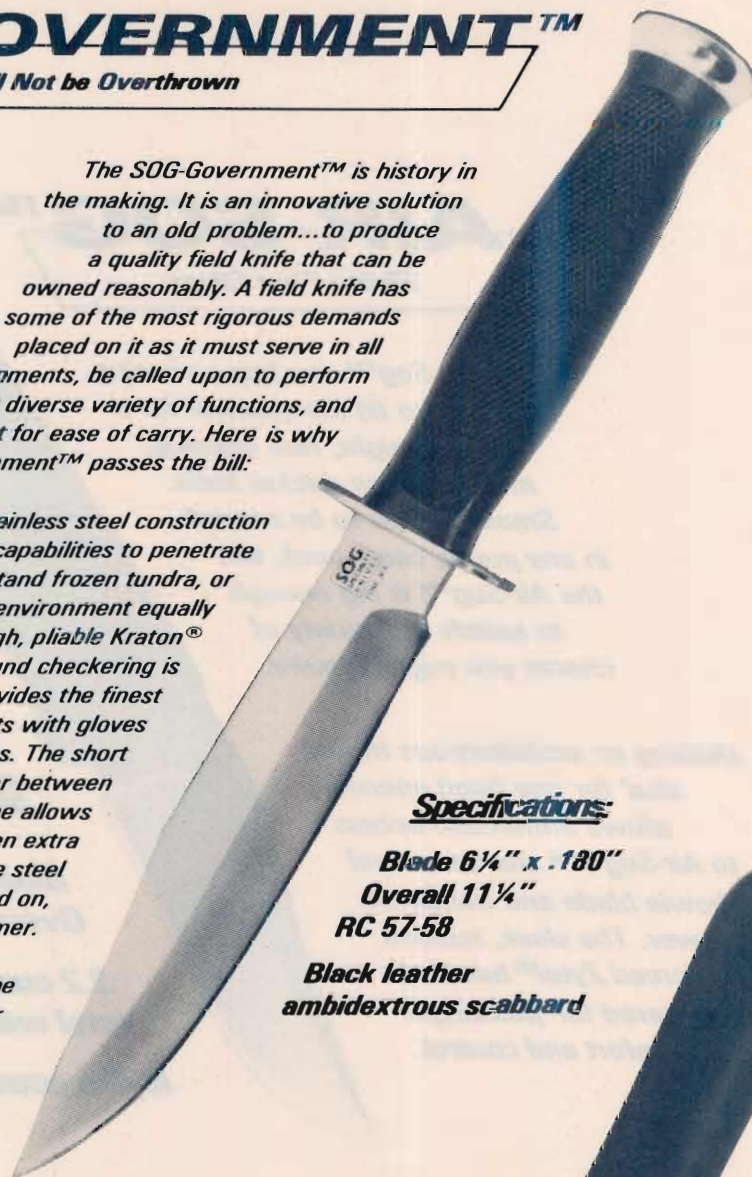
Will Not be Overthrown

Suggested Retail
\$69.95

The SOG-Government™ is history in the making. It is an innovative solution to an old problem...to produce a quality field knife that can be owned reasonably. A field knife has some of the most rigorous demands placed on it as it must serve in all environments, be called upon to perform a most diverse variety of functions, and be lightweight for ease of carry. Here is why our Government™ passes the bill:

The all stainless steel construction insures the capabilities to penetrate dense jungle, withstand frozen tundra, or serve in a marine environment equally as well. Our tough, pliable Kraton® handle with wrap around checkering is compatible with and provides the finest tacky grip in ice environments with gloves or in wet, slick conditions. The short crossguard guarantees a barrier between hand and blade but at the same time allows for a forward finger position when extra pressure or leverage is required. The steel pommel which is bolted on, enables the knife to be a field hammer.

The razor sharp edge in combination with the reinforced tip are reason enough why our Government™ is a world leader in innovation, aside from the fact that it is the lowest priced knife in its jurisdiction.



Specifications:

Blade 6 1/4" x .180"

Overall 11 1/4"

RC 57-58

**Black leather
ambidextrous scabbard**

PENTAGON™

When decisions need to be made

Our new Pentagon™ sets the policy for action. Sometimes you just never know what kind of situation you might come across. Whether it is having to cut someone out of a seatbelt, opening a stuck door, or trying to get home through a blacked-out city, the Pentagon™ promotes confidence.

The 5" stainless steel blade offers the user the instant choice of a serrated or bevel edge combined with a reinforced tip. The dual thumb notches on the blade along with the sleekly flared out Kraton® handle provide optimal control in any circumstance. The Pentagon™ is housed in a black leather scabbard that utilizes an advanced clip for a variety of mountings.



Specifications:

Blade 5" x .160"
Overall 9 1/4"

**Stainless
steel
guard**

For information contact:
SOG Specialty Knives, Inc.
P.O. Box 1024 Dept. SG
Edmonds, Washington 98020
(206) 771-6230
Send \$1.00 for Brochure.

**SOG
SPECIALTY
KNIVES
Inc.**

Product
of
World
Class
Blades

SGWINDER™

On Target

The Sogwinder™ I & II strike home with brand new features, a drop-point bowie style blade combined with an ambidextrous thumb stud for ease of use. These knives "Zero In" with drop blades that fold into the handle. Featuring all stainless steel and the most aggressive grind, the Sogwinder™ is the state of the art payload for the less of environment.

The mounting ballistic ensures secure and retention of your knife.

Specifications:

Sogwinder I

Blade 2 3/4" x .160"

Overall 6 1/4"

RC 57-58

Optional scabbard

Sogwinder II

Blade 3 3/4" x .200"

Overall 8 1/4"

RC 57-58

SOG TECH™

Creating Tomorrow

Designed with the utmost utilization of modern technology, these two innovative cutting machines achieve a new pinnacle in high-tech performance...

hence the name SOG-Tech™

Our new stainless steel blades are combined with razor sharp bevel edges for outstanding cutting ability and low maintenance...the best of both worlds. The aesthetic grind lines show that function can

also be stylish. Our raised point

Kraton® handles that are renowned for their comfort and positive

gripping abilities offer the

user the freedom of expression for

any task. An ambidextrous heavy duty nylon scabbard is the perfect match

for this all weather companion

and ensures the safe retention of either of your knives.

The SOG-Tech™ series is the choice of the outward bound in the 1990's. Come aboard!

Specifications:

SOGTech™ I

Blade 5 3/4" x .250"

Overall 11"

RC 57-58

SOGTech™ II

Blade 7 1/4" x .250"

Overall 12 1/4"

RC 57-58

The SOG-Tech™ series can be special ordered in carbon steel with a rolled edge.

Superior Design - Uncompromised Precision - Practical Application

SOG SPECIALTY KNIVES is dedicated to creating the highest standards of production cutlery in the world. We use the strongest steels, finest materials and newest manufacturing techniques which are combined with traditional hand craftsmanship to ultimately create the sharpest and most durable edges in the industry.

Our products utilize timeless designs which give the user maximum capability and performance in virtually every situation. The magical feel of our knives has become a trademark, perfectly balanced and sculpted for fit so that the blade does the work as if on its own. Our products are designed for the professional, sportsman, hunter, militarist, outdoorsman, survivalist and collector... or anyone who can appreciate precision cutlery at its finest!



Producers
of
World
Class
Blades

For information contact:

SOG Specialty Knives, Inc., P.O. Box 1024 Dept. SG
Edmonds, Washington 98020, (206) 771-6230
Send \$1.00 for Brochure.

Mechanic Wins Year Food Supply

*Two week
emergency kit,
Special Ops Tanto,
Sabot Cannon,
stun guns
also given away. . .*

Staff Report

JOHN Dorman, a 26-year-old mechanic from Foley, Alabama, won the first prize in ASG's 1989 Giveaway No. 3 contest, the Survival Incorporated Year's Supply of food with real meats.

Prize No. 2, the NITRO-PAK 14-Day Emergency Kit, was won by Ralph Figueroa, an electrical technician from the Bronx, New York.

Terry Ahlgren, a self-employed resident of Buena Park, California, won Prize No. 3, the Special Ops Tanto knife from Cold Steel, donated by The Cutlery Shoppe of Boise, Idaho, as well as *The Defensive Edge*, volumes I & II, on knife fighting by Ernie Franco.

Prize No. 4 is the AirPower Sabot Cannon air gun from AirPower Sabot Cannons. It was won by William Smith, a die caster from Conneaut, Ohio.

Anni Muirhead of Walla Walla, Washington, was Prize No. 5 winner. She won the Defender Pro-40 and Scorpion stun guns, the Dog Guard dog attack repeller and the electronic Mosquito Repeller, all from Personal Electronic Protection Services.

See this issue, pages 52 and 53, for details on entering ASG's 1990 Giveaway No. 2 contest. ●

MACHAX

The Finest Survival Tool on the Market at any Price!

MACHAX is the American-Kukri hybrid which marries the incomparable weight distribution of the Gurka favorite with good American spring steel and a handle designed for comfort.

FOR THREE YEARS, Machax has proven its usefulness to outdoorsmen, hunters and military personnel in making camp and field chores easy—cutting, clearing, hacking, splitting, prying and hammering.

MACHAX is easy to sharpen and will hold a good edge through heavy use.

MACHAX is tough. It has a full tang $\frac{1}{4}$ " thick 4140 chromemoly blade with Zytel™ scales.

MACHAX will give you the edge when—

- cutting and splitting wood
- constructing shelters
- clearing fields of fire
- camouflaging vehicles and fighting positions
- building blinds
- dressing out large game

BECKER GUARANTEE

As long as we are in business we will replace a broken blade without question—ALTHOUGH! we want to know how you managed it. If you manage to scrape the scales off we will either fix 'em for a nominal charge or for free—if you have a good story.

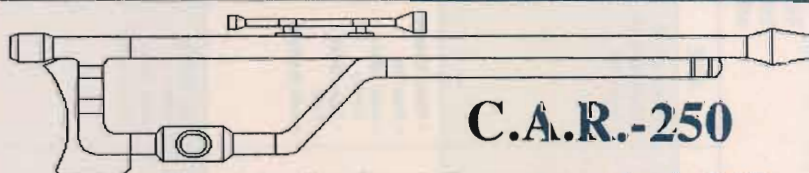
Standard **MACHAX**
\$129.00
with Nylon Sheath

BECKER
KNIVES
"Work
For A
Living"

For a
Free Brochure
Write or Call:

BK&T
BECKER KNIFE • TOOL CORP.

P.O. BOX 44179 • CINCINNATI, OH 45244 USA • (513) 231-9446



C.A.R.-250

Electrically fired Compressed Air Rifle
!!! INCREDIBLE POWER !!!

Utilizes discarding SABOT technology to fire any caliber ball ammo at high velocities. Even fires steel shot loads with impressive results. This WEAPON can fire ARROWS and CROSSBOW BOLTS with truly incredible accuracy and killing power, even at extended ranges.

- * COPPER CONSTRUCTION
- * BRASS FIXTURES
- * LOADS FROM THE REAR
- * 150 PSI CAPACITY
- * TWO TRIGGER SAFETY
- * SCOPE MOUNT
- * USES ANY AVAILABLE SOURCE OF AIR PRESSURE
- * COMPLETELY ASSEMBLED AND READY TO FIRE

CAR-250 (READY TO FIRE).....\$ 149.95

EXTRA SABOTS (50 EACH) 8.95

ALUMINUM HUNTING BOLTS (12 inch) 4.25 Ea.

MAIL IN ORDERS:

Cash Check or Money Orders to:
TRG MANUFACTURING, INC.
20620 Burl Court, Dept. AS-5
Joliet, Illinois; 60433

PHONE ORDERS

Visa & Master Card Orders to:
1-815-727-2400
YOU PLACE THE ORDER...
WE PAY THE SHIPPING

Illinois residents add 7% sales tax

Survival Guide Index 1986 - 1989

Survival Guide Index 1986

The following is an index to articles covering the years 1986 through 1989. The articles are grouped in the same format as our current Table of Contents. The years 1982 through 1985 were listed last month. Each December issue will now contain an index for the preceding year. — The Editors

JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
<ul style="list-style-type: none"> AR-15 A2 Sporter Argents M38 8mm 	<ul style="list-style-type: none"> Slingshot Blowgun SGW Model ZT 357 	<ul style="list-style-type: none"> Springfield M1911A1 .45 	<ul style="list-style-type: none"> SAW 22 Magnum SAR-48 PSE Crossbows 	<ul style="list-style-type: none"> M7-S Knife BPS Shotgun FIE 22s 	<ul style="list-style-type: none"> Barrett Light 50 Charter Arms 44 Gerber BMF 	<ul style="list-style-type: none"> Yugo AKs Thunderbolt Crossbow 	<ul style="list-style-type: none"> HK 940 Mausier Rifles Mausier Model 712 Buck Knives 	<ul style="list-style-type: none"> HK 9mm HK 94 Kershaw Knives 	<ul style="list-style-type: none"> SAW Pocket Pistols Mitchell Arms RPK-47 AK 22 Riot Shotguns 	<ul style="list-style-type: none"> HBAR Sporter AR-15 Glock 17 	<ul style="list-style-type: none"> Ruger Mark II Weatherby 460, Mag. 308 Armscorp M-14
<ul style="list-style-type: none"> Shooting Bench Seal Kaddy Utility Knives RDC Mag Loader Hi-Lit Jack Back-up Lite Survival Vests 	<ul style="list-style-type: none"> Swiss Army Knives Medical Kits Zesto Therm GI Pencho 	<ul style="list-style-type: none"> Spysidero Knives Surgery Kit Slingshots Firing Simulator Pelican Cases Badger ATV 	<ul style="list-style-type: none"> Folding Lileknife Hypothermia Suit Grendelle Chinese Air Rifle Versatile Machele 	<ul style="list-style-type: none"> Life Kit Snowmber Anorak Nimrod Scope Alter Knives Quick Jack Field Stoves 	<ul style="list-style-type: none"> Pocket Sharpener Porra Saw Uncle Mike's Holsters Cross Combat Knife Bolle Sunglasses 	<ul style="list-style-type: none"> R20-D Batteries Aquarius Filter 911 Rescue Tool Dillon Reloading Jeep Comanche, Wagoneer 	<ul style="list-style-type: none"> Aegle 1 Leatherman Tool Mini-14 Accessories Mag Loaders Sears Mask 	<ul style="list-style-type: none"> Victoreen Meter Rope Canoes Fury Holsters 	<ul style="list-style-type: none"> Wolf Ears EK Commando Knife Gun Safe Israeli Gas Masks Demon Crossbow Survival Knives Winter Pants 	<ul style="list-style-type: none"> Conflux Shoes Getaway Vehicle Spando-flage Solingen Steel Banana Magazines 	<ul style="list-style-type: none"> Cobra 2-Way Radio Hunter's Saw Holders Lakota Knives EK Fighting Knives Buck Gerber
<ul style="list-style-type: none"> Seasickness Edible Foods Freshwater Foraging Nutrition 	<ul style="list-style-type: none"> Emergency Food Supply Freshwater Foraging 	<ul style="list-style-type: none"> Panic Freshwater Foraging Survival Field Medicine 	<ul style="list-style-type: none"> Penny Poisons Herbal Medicine Orange Rate Filter 	<ul style="list-style-type: none"> Food Storage Gunsight Wounds Peg Control 	<ul style="list-style-type: none"> Sale Dinning Wager Army Medics Fireman's Carry 	<ul style="list-style-type: none"> Dangerous Marine Life Cutthroat's First Aid Walk-in Wells 	<ul style="list-style-type: none"> Colgan Institute Sea Farming 2 Week Day Pack 	<ul style="list-style-type: none"> Ojende Poisoning Water Everywhere Heart Disease Home Medical Tests 	<ul style="list-style-type: none"> Survival Attitudes Choking Five Phase Food Storage 	<ul style="list-style-type: none"> Sierra Trek 	<ul style="list-style-type: none"> Toothache Tree Finding Food
<ul style="list-style-type: none"> Chemical Warfare Toting Tots Sewing 	<ul style="list-style-type: none"> New Madrid Quake Earthquake State of Emergency Bomb Shelters Asphalt? Cold Weather Car Starting 	<ul style="list-style-type: none"> Wind Power Deadly Weapons Gang Attacks Live Free Nerve Gas Solar Generator 	<ul style="list-style-type: none"> Self Sufficiency Levels Greenhouse Effect Cascade Blizzard Protection System Him Radio 	<ul style="list-style-type: none"> Operation Snow Eagle End MADness Rescue Dogs Stalking 	<ul style="list-style-type: none"> EMP Bio Hazard Shelter Bomb Proof Fear of Rape Marine Wilderness Communications 	<ul style="list-style-type: none"> Survivalist Battery Camping Tips Camping Checklist Communications Control Desert Survival Solar Stills 	<ul style="list-style-type: none"> Lights Go Out Nuclear Disasters The BOSS Survival Shelter Terrorism Terrorist Attacks Hiroshima 	<ul style="list-style-type: none"> Nuclear Shelters Eliminating Fish Toxins Field Sanitation Teach Her Well 	<ul style="list-style-type: none"> Missing Kids Hurricanes Home Shelters Boundary Country 	<ul style="list-style-type: none"> NATO NBC Training Wilderness Living Private Armies 	<ul style="list-style-type: none"> Heavy Duty Alternator Sale from Terrorists Forcemen ASAT Cuno
<ul style="list-style-type: none"> Camping/Hunting Skills Winterizing Vehicles 	<ul style="list-style-type: none"> Homemade Water Filters 	<ul style="list-style-type: none"> Self-Sufficiency Radio 	<ul style="list-style-type: none"> Decontamination Cutting Edge Repairing Windmills 	<ul style="list-style-type: none"> Car Care Kits 	<ul style="list-style-type: none"> Cannibalized Car Sierra Ballistics 	<ul style="list-style-type: none"> Blacksmithing AS Auto Your Way Cache It 	<ul style="list-style-type: none"> Fireman's Carry 	<ul style="list-style-type: none"> Handgun Combat Survival Kits 	<ul style="list-style-type: none"> Learning to Fly Survival Kits 	<ul style="list-style-type: none"> Tuning the World Survival Kits Charcoal 	<ul style="list-style-type: none"> Survival Kits Trapping

WEAPONS

GEAR

HEALTH & FOOD

ENVIRONMENTS

HOW-TO'S

Survival Guide Index 1987

JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
<ul style="list-style-type: none">• FIE SSS 12 Gauge• Marlin 5mm Carbine• Camp Gun	<ul style="list-style-type: none">• Nova 45• Chinese TS-45 Air Rifle• SIG P220• Eschmann P413 MK II	<ul style="list-style-type: none">• Ruger Mini 30• Rhino M16• Remington 870 Shotgun	<ul style="list-style-type: none">• Armscorp FALs• M-1 Garand	<ul style="list-style-type: none">• UZI Semiautomatics• US Express Crossbow• FWS Model 36 Air Rifle• Martin 45 Carbine	<ul style="list-style-type: none">• Calico 100 Rd. 22• Beretta 92F	<ul style="list-style-type: none">• Mitchell Arms AK-47s• Pocket 380• El Machete	<ul style="list-style-type: none">• Beretta AR 70• Spyderco Black Chrome Clip• Flot Shotguns	<ul style="list-style-type: none">• Law 12 Shotgun• Devastator Crossbow	<ul style="list-style-type: none">• Goncz• AK-47 Tests	<ul style="list-style-type: none">• M1A Rifle• Beretta Knives	<ul style="list-style-type: none">• Mini AT Pistol• SAS 12 Shotgun• AK-type Rifles
<ul style="list-style-type: none">• Personal Radiation Detector• TAC Transceiver• Survival Utility• Defensive Ammo• Optics Buyer's Guide• Mark V Socks• Bomber Jacket	<ul style="list-style-type: none">• Tear Gas Sentry• RFI Gas Mask• Intruder Alarm• A.L.S. Maps• Swarovski Scopes• Night Vision IR Scope	<ul style="list-style-type: none">• Crank Radio• Solar Battery Charger• Surplus Sleeping Bags• Load Bearing Vest• One Piece Knives• Mini Butane Welder• Compact Generator	<ul style="list-style-type: none">• Badger Holster• Recon Tanto• Water Storage Barrels• Survival Vest• China Diesel Generator• Surplus Clothing	<ul style="list-style-type: none">• Lightweight Solo Shelters• AF Knife• Body Armor• Mountain Stove• Falcon Gunstole• Tekna Knife• Shinobu Tantes	<ul style="list-style-type: none">• Radioactivity Detector• Gun Range Bag• Flight Jacket• Emergency Light• Mega Dart Pistol• Perimeter Alarm	<ul style="list-style-type: none">• Switch Blades• Night Vision Devices• Scope Mounts• Bush Shorts• Military Gas Masks• Collapsible Canteen	<ul style="list-style-type: none">• Folding Stocks• The Mainliner• Commo Radios• Skeleton Knives• Gerber Knives	<ul style="list-style-type: none">• Vietnam Knife• Hi Power Tac-Comm• Gas Masks• Assault Rifle Cases• NUK Alert• Gun Cases• Survival Staff	<ul style="list-style-type: none">• Holsters• Reort Water• ASAT Camo	<ul style="list-style-type: none">• Army Bayonet• Grain Gmder	<ul style="list-style-type: none">• Survival Kit/Sheath• Spyderco's Model 1104• Car Gear and More• Telephone Monitors
<ul style="list-style-type: none">• Redent Offroad• CMT Hurricane• Sierra Focus• Backpack Garden	<ul style="list-style-type: none">• Meritarm Medical Kit• AIDS Update	<ul style="list-style-type: none">• Wild Mushrooms• Military Foods• Cancer• Microwave Jerky	<ul style="list-style-type: none">• Wild Game Cookery• Water Washer Filter	<ul style="list-style-type: none">• Precaution Parasites• Ready Reserve Storage Food	<ul style="list-style-type: none">• Allergy Warfare• Mazoth Biblical Food	<ul style="list-style-type: none">• Heat Disorders• Water Survival Safety	<ul style="list-style-type: none">• AIDS• Yanka Foods• Amputation	<ul style="list-style-type: none">• Treating Burns	<ul style="list-style-type: none">• Snake Bite First Aid• Medical Evacuation• Food Storage• Bicycling	<ul style="list-style-type: none">• Game Handler's Disease	<ul style="list-style-type: none">• Storage Food• Smoky Canyon Foods• Infectious Disease Control
<ul style="list-style-type: none">• Backpack Fever• Wilderness Classroom• Operation 4 Corners• Cold Water Survival	<ul style="list-style-type: none">• Crusaders, Criminals, Crazies• Technology of Terrorism• LRRP Security Services• Tactics of Terror• Counter Terrorism Forces	<ul style="list-style-type: none">• Lean vs. Mean Survival Vehicle• Waste Management• Super Bomber B1B• EMP Protection• Women Bodyguards	<ul style="list-style-type: none">• Radon Gas• Terrorist Arsenal• Amazon Adventure• Toyota Land Cruiser Wagon• Buck Factory Knives	<ul style="list-style-type: none">• Smooth Sailing• Anonymous Death Bombs• Llamas• Tornadoes	<ul style="list-style-type: none">• CD Digging Deeper• Government/Corporate Survival Plans• Victim Rights• Territory Terrorist	<ul style="list-style-type: none">• Terrorist Arsenal• Desert Survival Training• Ducks Truck	<ul style="list-style-type: none">• JDL• Auto Splat Paint Gun	<ul style="list-style-type: none">• Shark Attack• Cosmic Calamities• Real Survivalists• Tent Living• Forest Creature	<ul style="list-style-type: none">• EMP Resistant GMC• Land Rover• Metal Swindlers• Sheep Hunting with HK 91	<ul style="list-style-type: none">• Better Safe than Sorry• Rural Security• Megadeath Weapons• Street Gangs	<ul style="list-style-type: none">• Bear Attacks• NSA Agency Secret Warriors• PLO
<ul style="list-style-type: none">• Self Rescue• Wilderness• Survival Chest	<ul style="list-style-type: none">• Emergency Snow Camp• Auto survival Kits• Camouflages• Camouflage	<ul style="list-style-type: none">• Meat Inspection	<ul style="list-style-type: none">• Survival Kit• Camouflage• Know your Ground• Sky Signs• Nylon Ties	<ul style="list-style-type: none">• Point Firing	<ul style="list-style-type: none">• Small Unit Tactics• Stuck in the Mud• Survive with Kits	<ul style="list-style-type: none">• Mad Cookery• Land Navigation	<ul style="list-style-type: none">• Parachute Mountaineering• Knife Throwing• Beginning Buckskin	<ul style="list-style-type: none">• Keep it Running• Nuclear Shelter• Knife Saws• Self Defense Handguns	<ul style="list-style-type: none">• Handgun and Flashlight• Tiger Moves	<ul style="list-style-type: none">• Home Defense• Back to School Safety• Attack from Behind• Knots	<ul style="list-style-type: none">• Winterizing Your Car• Homemade Shelters• Use Hand Press• Cement Making

WEAPONS

GEAR

HEALTH & FOOD

ENVIRONMENTS

HOW/POS

Survival Guide Index 1988

JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	
<ul style="list-style-type: none">HB AK-47, M-59 RiflesSnubnose 38s	<ul style="list-style-type: none">Moal TS-45 AirgunSIG AMT Rifle	<ul style="list-style-type: none">Poly Tech AK-47FIE DerringerIron Mountain Bowie	<ul style="list-style-type: none">Fed Ord .45 ACPFIE Titan .38Scout Rifle T-26 Tanker/Recon	<ul style="list-style-type: none">Mausier 308Savage Rifle/Shotgun	<ul style="list-style-type: none">Norinco AK-47 .223Calico M-900, Pistol/CarbineTrailmaster Bowie	<ul style="list-style-type: none">RX5000 Pistol CrossbowSAR 48 HBAR RifleTri-Bal Throwing KnivesTitan 25 Auto Pistol	<ul style="list-style-type: none">Beretta 1200 FP ShotgunAP9 9mm Assault PistolSOG Tomcat Folding Bowie	<ul style="list-style-type: none">Fed Ord M14 SA RifleHakim RifleBeretta 92F Compact	<ul style="list-style-type: none">Stagcoach ShotgunsStirling Para Pistol, CarbineValmet M75 .308	<ul style="list-style-type: none">Partisan Avenger .4510mm Omega Pistol.375 Imp. Sniper RifleTZ-88 9mm Pistol	<ul style="list-style-type: none">SAR 180 .22 CarbineStock 9mm PistolsSpringfield 190330-06SOG TigersharkBowie	
<ul style="list-style-type: none">Army Individual Multi-purpose Survival ShelterStun GunsSolar Flashlight	<ul style="list-style-type: none">MagSafe AmmoHeaters, Lanterns	<ul style="list-style-type: none">Razor WireSpotlightEmergency RadioAK PouchesCompass, ClockRadiation DetectorsSwiss Army Knife (Champ)	<ul style="list-style-type: none">Road StarsTrident SOG KnifeSleeping BagsUtility Trailer KitsParkas50 Hour Candle	<ul style="list-style-type: none">Belt KnifeFolding Mamba9mm Mag LoaderWater CleanersPhaser Tear Gas	<ul style="list-style-type: none">Pyramid TeepeeGun CoalingUZI Cooking HandleLaser SightGame SkinnerSurvival KnivesWater Barrels	<ul style="list-style-type: none">Police Smoke BombsMilitary Butt PackLocking Swiss Army Knives	<ul style="list-style-type: none">Cordura Gun CasesSurvival CatalogsCandle LanternSound Powered TelephoneLathe, Drill, MillAssault RifleBlood	<ul style="list-style-type: none">Collar CanteenTri-Burst Full Auto40-Rd. AK Mag Pouch	<ul style="list-style-type: none">Beeman SS-2L ScopeHK 91 Mag Pouches	<ul style="list-style-type: none">AIDS ProtectionFirst Aid KitKnives of Frankie QuinnKawasaki Ninja GeneratorLarry Attack KnivesDraeger M-65NATO Gas Mask	<ul style="list-style-type: none">Pack AxeCombat Casualty BlanketSolar AM/FM Radio	
<ul style="list-style-type: none">Home CanningStorage FoodsShock TreatmentHypothermia Victims	<ul style="list-style-type: none">Nature's HarvestHome GardeningVitamin A	<ul style="list-style-type: none">Kitchen Cupboard MedicineHypothermia7 Day SupplyWalking for Life	<ul style="list-style-type: none">Hard Core ForagingAIDS	<ul style="list-style-type: none">Care of FeetDeadly Combs, Foods/DrugsUn-hybridized Garden	<ul style="list-style-type: none">DiabetesEconomy FoodBackyard Garden	<ul style="list-style-type: none">Bill Pier's Year Food SupplyEubiotic PlagueCracking the CoconutNitro-Pak Foods	<ul style="list-style-type: none">Three Day SupplyDehydrated Health Foods	<ul style="list-style-type: none">Wilderness Medicine	<ul style="list-style-type: none">Survival Medic EMTOnion MedicineMinuteman Survival Tabs	<ul style="list-style-type: none">Garden Seeds for StorageSeaweed Foraging	<ul style="list-style-type: none">Thermal InjuriesHarvesting Marine LifeLife	
<ul style="list-style-type: none">Base Operations SchoolPirate FightersVolcano RescueAustralian OutbackUltralight Aircraft	<ul style="list-style-type: none">Southwest OregonTrident SubmarineMass CasualtiesHam RadioEMP and CarsRobinson CrusoeForgottius	<ul style="list-style-type: none">Executive ProtectionPsychology of SurvivalAvananche Awareness	<ul style="list-style-type: none">Timeless YurtOnoda SagaPLOSurvival Horse	<ul style="list-style-type: none">Tongass RetreatForest FiresCommunications NetworksAbu Nidal	<ul style="list-style-type: none">SpetsnazLightning BoltsAlpine Hazards	<ul style="list-style-type: none">Irish TerrorismChemical Warfare Threats	<ul style="list-style-type: none">African Killer BeesHazardous Materials	<ul style="list-style-type: none">Soviet Star WarsSurvivalism in the FutureNuclear PowerPlant Security	<ul style="list-style-type: none">Basque ETA TerrorismHK 91 Bear Hunt	<ul style="list-style-type: none">Surviving Chemical WeaponsAltimeter/BarometerNavigationCarbon Monoxide	<ul style="list-style-type: none">Ranger TrainingSurvival via Ham/CB RadioNuclear WarFighting StrategiesNight Vision Equipment	
<ul style="list-style-type: none">CatallsPocketknifeDefenseBarter for Survival	<ul style="list-style-type: none">Backyard Plant ForagingShovel-up IgloosCustom .45	<ul style="list-style-type: none">Shortwave ListeningCombat Hand to Hand FightingGhillie Suit	<ul style="list-style-type: none">Crystal RadioDisaster Proofing CarsEarth Ovens	<ul style="list-style-type: none">BackpackingKnife AttackSling and Stones	<ul style="list-style-type: none">Using OpticsInflatable Boats	<ul style="list-style-type: none">Leaf-o-FlageDrilling Your Own WellRappellingCome Back Alive	<ul style="list-style-type: none">Mountain SurvivalYour Economic FutureSolo Wilderness Survival	<ul style="list-style-type: none">Lifetime TransportationConfinement ExercisesUsing a Map and CompassLearning Morse Code	<ul style="list-style-type: none">Learning Morse CodePrinciples of ConcealmentIs Your Phone Tapped?Indian WickiupAcquiring Gold, Silver	<ul style="list-style-type: none">Poncho Survival CloakPrinciples of ConcealmentHot Rock Bed	<ul style="list-style-type: none">Fire Without MatchesTen Winter Driving TipsBuilding a Snow Cave	

WEAPONS

GEAR

HEALTH & FOOD

ENVIRONMENTS

HOW-TO'S

Survival Guide Index 1989

JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
<ul style="list-style-type: none"> • Mitchell Arms AK-47 .308 • Striker 12 Gauge • Avenger Crossbow • KG-22 Camo Carbine 	<ul style="list-style-type: none"> • Colt Python • S&W 686 • Norinco Tokarev 	<ul style="list-style-type: none"> • Detonics Servicemaster .45 • Dragunov Sniper Rifle • AK 84s .223 • Grondel P-10 .380 	<ul style="list-style-type: none"> • SIG 550 SP Rifle • M870 Police Shotgun • Machine Guns 	<ul style="list-style-type: none"> • IMI Desert Eagle .41 Magnum • Beeman/Krico Sniper Rifle 	<ul style="list-style-type: none"> • AMT Automag II .380 • FNC Assault Rifle • Springfield Armory 1911-A1 9mm 	<ul style="list-style-type: none"> • 3rd Generation S&W Semiautos • FIE .38 Standard Revolver • Air Powered Sabot Cannon 	<ul style="list-style-type: none"> • EK Knives • Colt's King Cobra • Daewoo Max II • Franchi Spas-15 Shotgun 	<ul style="list-style-type: none"> • Detonics Series II Servicemaster • M1 Carbine • Ruger Mini-14 • Norinco Makarov 	<ul style="list-style-type: none"> • Springfield SAR-3 • S&W Model 36 Revolver • Modified Kukaban • Norinco Makarov 	<ul style="list-style-type: none"> • Colt Officer's Elite .45 • Taurus Model 66 .357 • M1 Garand .30-06 	<ul style="list-style-type: none"> • Sig Sauer P220, P226 • S&W M65 .357 • Mauser MK-1A Knife • S&W M13 .357
<ul style="list-style-type: none"> • Machax • Spyderco Divers Knife 	<ul style="list-style-type: none"> • Glock Spade • Rad Gun • Water 1 Giardia Filter • Yellowhorse, Spyderkey Knives 	<ul style="list-style-type: none"> • Emergency Lights • Navy Rescue Strobe Light • Battery Test • Portable Security Light/Alarm • EMT First Aid Kit • Delta Raider Knife 	<ul style="list-style-type: none"> • Relator Survival Tool Kit • Infrared Perimeter Alarm • RMS Precision Air Rifle • Load Bearing Vest 	<ul style="list-style-type: none"> • Survival Smoke Hood • Hirenberger Ammo, NASS Targets • British Falklands Jacket • RPA II Evac Suit • Survival Inc. • 14-day Emergency Kit 	<ul style="list-style-type: none"> • Scorpion Stun Gun • FAL Rifle Parts • SI's 72 Hour Pack 	<ul style="list-style-type: none"> • Buck Knives • Solar Surplus Panel • Combat Survival Test • Trekmaster Trailer • Radiac Radiation Detection Unit 	<ul style="list-style-type: none"> • Radon Monitors • SI Sleeping Bags • Military Medical Supplies • Draeger Gas Mask • Thompson SMG Gun Parts • Ballistic Vests 	<ul style="list-style-type: none"> • Hand Cranked Generator • Polar Pure Water Filter • Norinco Ammo • S&S & AK Recoil Pads • Nuclear Anticontamination Suit 	<ul style="list-style-type: none"> • Survival Vests • Hidden Difference Hoister • PLS 500 Laser Sight • Rifle Strap Sling • Chemical Clean-Up Suit • Ammo Vests 	<ul style="list-style-type: none"> • Starlight Night Vision Scope • Water Tech Bucket Filter • Wireless Intruder Detection Unit • VIP Armored Cars • SOG Knives 	<ul style="list-style-type: none"> • Infrared Nite-Site • Aluminum Rifle Cases • Executive Edge Knives
<ul style="list-style-type: none"> • Stress Can Kill • Food Insurance 	<ul style="list-style-type: none"> • Healing Words Hypnosis • Water Purification Systems 	<ul style="list-style-type: none"> • Rock Medicine 	<ul style="list-style-type: none"> • Food Poisoning • U.S. Snake Bite First Aid 	<ul style="list-style-type: none"> • Ventilatory Assistance • AIDS: Quo Vadis? 	<ul style="list-style-type: none"> • Wild Mushrooms • Sun Cancer • Medicinal Herbs 	<ul style="list-style-type: none"> • Heat/Stress Injuries • Food Storage Enemy • Survival Food Sampler • Dealing with Agoraphobia • Gunshot Wound First Aid 	<ul style="list-style-type: none"> • Cardiac-Related Emergencies • SI Storage Foods 	<ul style="list-style-type: none"> • Environmental Illness • Responding to Nuclear Accidents 	<ul style="list-style-type: none"> • Escape Breathing Device • Survival Candy, Crackers • Assisting Childbirth • Lead Poisoning 	<ul style="list-style-type: none"> • Media Pavlovian Conditioning • American Red Cross 	<ul style="list-style-type: none"> • Radiological Transport • Accidents • McKeever Food Supply • AIDS: Alarming Reality • Food Irradiation
<ul style="list-style-type: none"> • Climate Change • Low Cost Underground Shelter • Hexasupal • Robots Go to War 	<ul style="list-style-type: none"> • Protection from EMP • International Travel Risks • Yukon River • Sogum • Gas, Germs, Terrorists • Vietnam Posters 	<ul style="list-style-type: none"> • Arctic Survival • Gas, Germs, Terrorists • Soviet Military Camouflage 	<ul style="list-style-type: none"> • Shortwave Radio Receivers • Satanism & Terrorism 	<ul style="list-style-type: none"> • Solar Power Systems • SDI: Progress vs. Politics • Seeing in the Night 	<ul style="list-style-type: none"> • Travel Survival • High Risk Hiking • Bring America to Her Knees 	<ul style="list-style-type: none"> • Civil Defense: USA vs. USSR • Computer Viruses • Freshwater Fishing 	<ul style="list-style-type: none"> • Mountain Man Survival • Solar Flares • Crocodile Attacks • Euro-Terrorists 	<ul style="list-style-type: none"> • Canvas Tents • Highly Poisonous Spiders • Spy Satellites 	<ul style="list-style-type: none"> • Sky Diving Safety • Theta Blast Cell • Development of Nuclear Weapons 	<ul style="list-style-type: none"> • Will the Constitution Survive? • Ozone Controversy • Face Off: USA vs. USSR • Defending Firearms Ownership • South Africa 	<ul style="list-style-type: none"> • The 2nd Amendment • Shield: SDI • Mountain Experience
<ul style="list-style-type: none"> • Surviving Abroad • Combat Karate • High Tech Layering • Raising & Butchering Rabbits 	<ul style="list-style-type: none"> • Be Your Own Forecaster • Snowshoes for Survival • Trapping for Fur, Meat 	<ul style="list-style-type: none"> • 4x4 Driving Tips • Surveyors Beehive Fire • Fording Streams and Rivers 	<ul style="list-style-type: none"> • Snow Shelter • Back Tracking • Pine Resin Torch 	<ul style="list-style-type: none"> • Near Ham Radio • Norinco License • Inner City Gardening 	<ul style="list-style-type: none"> • Ham Radio Field Day • Burglar Proof Your Home 	<ul style="list-style-type: none"> • Distance Estimation • Auto Life Support • Sea Kayaking 	<ul style="list-style-type: none"> • Saving Garden Seeds • Tools for Living Off the Land 	<ul style="list-style-type: none"> • Home Food Dehydration • Preparing for Fleeceion 	<ul style="list-style-type: none"> • Backpacker Stoves • Shortwave News Broadcasts 	<ul style="list-style-type: none"> • Fitness through Running • Ice Rescue 	<ul style="list-style-type: none"> • Preventing Cold Injuries • Using Dynamite

WEAPONS

GEAR

HEALTH & FOOD

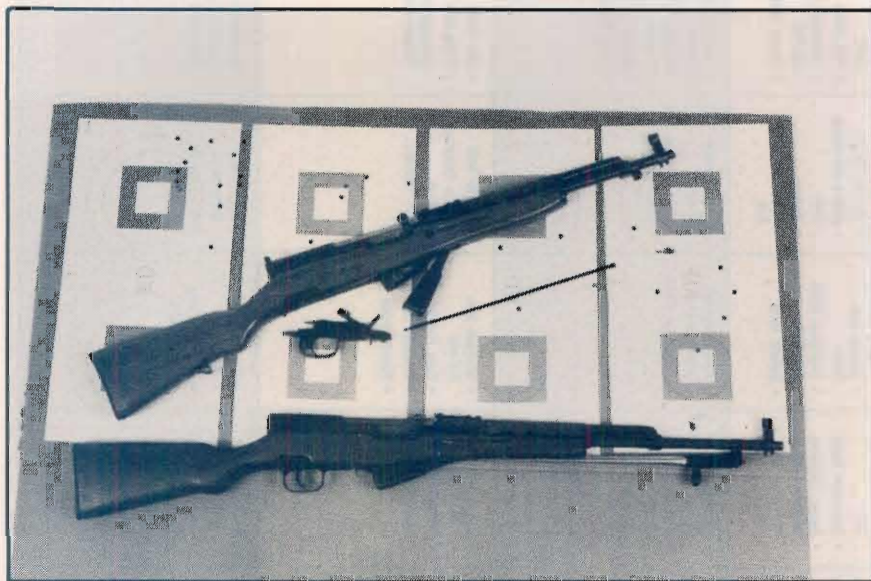
ENVIRONMENTS

HOW-TO'S

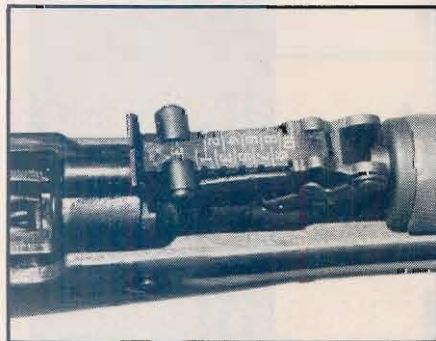
GSAD:

Chinese Type 56 Rifles

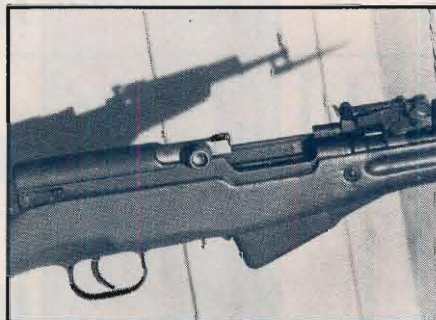
Not too accurate but passable & smooth operation...



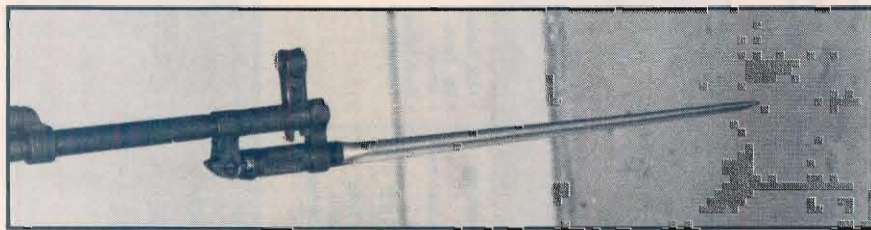
Our test rifles and carbine produced reasonable 100-yard groups for military arms. The trigger mechanism "unplugs" easily for field maintenance. The cleaning rod illustrated is stowed beneath the barrel.



Rear sights are leaf type, providing elevation adjustments, but nothing for windage.



A semiauto, that first round is chambered by pulling the bolt handle to the rear and releasing it.



The bayonet on our test rifles folds out from underneath the barrel and locks onto the muzzle as shown.

By Bud Lang

IN these days of high prices it's refreshing to find long guns that don't cost an arm and leg, and that's

just what we have here: a trio of rifles that are not only inexpensive to buy but use ammo that is equally inexpensive.

What this all boils down to is guns that just about anyone can afford to

own and use. That being the situation, how can anyone knock such a deal? The answer is they can't.

The guns we're speaking about are some rifles manufactured on mainland China for various military units. According to the importer, unlike the American military, the Chinese don't necessarily manufacture one type of rifle for all units. The different provinces produce rifles of similar types, but stock materials and even small features may vary between provinces. The guns featured herein are all military rifles, not civilian versions for export, but they are not select fire or full-auto, so they're strictly legal for civilian use in this country. Better yet, because their magazines hold no more than 10 rounds, they're not even classified as "assault" rifles by the anti-gunners.

What guns are we speaking about? The Chinese Type 56 rifle and carbine, which are versions of the Soviet Siminov SKS45, a standard assault rifle. The Chinese version is also chambered for the 7.62 X 39mm cartridge. The SKS hasn't been used by first-line Soviet units for years, and is available as both a rifle and carbine. Unlike the U.S. carbine, this latter version was not intended to replace handguns. It was intended to be used as the tactical equivalent to the U.S. M1 or M14, however.

The rifles come with a folding spike type bayonet (not the carbine), whereas the Russians models use a blade type bayonet. Don't know what civilians would do with a bayonet, but they come with the gun and give it that true military look. Being small and of the folding type, it's really insignificant and doesn't get in the way.

One feature you'll probably like about this piece is that a cleaning rod is located just under the barrel. You're never without it and if you're the type of guy who likes to put a few hundred rounds through the gun while out plinking, you can easily clean and lube the bore occasionally to retain some semblance of accuracy and preserve the gun's bore.

The guns are relatively easy to field strip for interior maintenance, too. After swinging the bayonet downward and removing the cleaning rod, you rotate the receiver cover retaining pin (located at the right rear of the receiver) upward; then, pressing on the receiver cover with the thumb of the left hand, move the pin to the right as far as possible, and remove the cover from the receiver. You'll find

the recoil spring assembly is a packaged unit like that of the AK, and can be easily removed from the bolt carrier assembly.

At this point you can remove the bolt and bolt carrier from the receiver by pulling back on the bolt handle. Now you can remove the bolt from its carrier.

Take a look at the right side of the rear sight and you'll find the gas cylinder tube lock lever. Using your right hand, rotate the lever upward until it's stopped by the upper wall of the cutout in the rear sight base. Now you can lift the gas cylinder tube and the handguard assembly a bit and pull them to the rear. The gas piston will now slide from the gas cylinder tube.

To assemble the rifle, simply follow these steps in reverse.

As our guns came from the importer, they were liberally coated with a protective grease. It's recommended you field strip them as outlined and wipe away all surface grease with a lint-free cloth, then use a gun solvent on all components to clean them up. At this point you should lube all moving parts with a good gun oil. Relative to the bore and chamber, they, too, should be cleaned thoroughly. When you can run

a patch through the bore and it comes out clean, then add a touch of oil to the patch to lightly coat the bore surface. Whatever you do, don't "oil" the bore and chamber as it's not necessary.

Both rifles and the carbine are imported by GSAD, 630 Maryann Drive, Redondo Beach, CA 90278 (phone —213-374-4086), but they're available only through licensed dealers. Anyone interested in one or more of these type 56 semiautos should have their local dealer contact GSAD. We can't quote suggested list prices because every dealer won't necessarily give you the same deal. But believe us, the prices are quite reasonable.

Like other rifles of this type, the type 56 is chambered for the 7.62 X 39mm Russian cartridge. During World War II the Soviets made greater use of the submachine gun than any other country. According to the book, *Small Arms of the World*, Russian infantry massed with large armored units found the firepower of the PPSH41 and PPS43 submachine guns extremely effective. Out of this experience came the requirement for an assault rifle. N.M. Elizarov and B.V. Semin developed an intermediate cartridge, the M43 7.62 X 39mm, for this purpose. Ironically,

the first adopted weapon to fire this cartridge was the SKS45 self-loading carbine. This same round is used in many of the rifles and carbines in the Soviet sphere.

After cleaning our pieces, we visited a local range with a quantity of imported Chinese ammo, likewise very inexpensive, and had a go at 100-yard targets. We found the trigger on one rifle quite smooth for a military piece, while the other two were "standard," or acceptably rough. While the sights can be adjusted for elevation, you're stuck when it comes to making windage corrections. This proved to be no problem, however, because we were shooting at no distances beyond 100 yards.

While the type 56 and its 7.62 X 39mm cartridge have a range beyond this distance, it's not recommended simply because they aren't sniper rifles. They weren't developed for long range accuracy, so why waste your time and ammo. Our five-shot groups averaged between six and eight inches shooting off a bench rest. Not too accurate, but in a military setting where most of the troopers aren't marksmen to start with, these groups are passable. Need we say more? ●

TOP QUALITY!

THE ULTIMATE LOCK BACKS

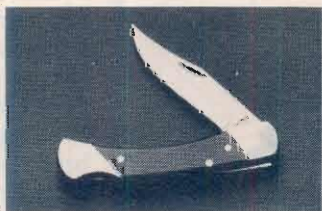
**MADE FOR A
LIFE:TIME!**

Buck 110 folding hunter
lifetime warranty
3 1/2" lockback made in the
U.S.A. leather sheath Buck 110



regularly \$54.00
only **\$39.95**
save \$14.05

Schrade LB 7 1 Yr. loss
prevention guarantee 3 1/2" lock-
back made in the U.S.A. Uncle
Henry, razor sharp, leather sheath



regularly \$54.00
only **\$39.95**
save \$14.05

The Cobra
etched brass handle
surgical stainless lockback
3 1/2" blade



regularly \$19.95
only **\$14.95**
save \$5.00

The Silver Eagle gentleman's
pocket knife 440 stainless w/ mir-
ror polish 2" mini pocket folder
black handle w/ solid brass bolsters



regularly \$9.95
only **\$6.95**
save \$3.00

**Receive a quick draw leather sheath free with every purchase while supplies lasts.
When sold separately valued @ \$9.95 ea.; made to fit your Cobra, Schrade or Buck knives**

Clip & Mail to: **Ralph L. Stevens, 1298 Som Center Rd. Suite #223 Mayfield Hts. Ohio 44124**

QUANTITY

TOTAL

_____ Buck 110 Folding hunter @ \$39.95 ea. _____
_____ Schrade LB @ \$39.95 ea. _____
_____ The Cobra @ \$14.95 ea. _____
_____ The Silver Eagle @ \$6.95 ea. _____

Name _____
Address _____
City _____
State _____ Zip _____

_____ Check

_____ Money order

_____ Cash

Add \$2.00 per knife for shipping and handling; Ohio residents please add 7% sales tax. Please allow 4-6 weeks for delivery.

Jayson Empire Inc.:

No Focus Binoculars

Three models that never need focusing and a sound amplifier. . .

Staff Report



One of the problems when using binoculars is that by the time you have found the focusing knobs and have adjusted them for your eyes, the action has already peaked or the animal you have been stalking is long gone. This will never happen if you own a pair of Jayson PERMA FOCUS 2000 binoculars.

These binoculars have an advanced optical system that has been computer

designed to be in perfect focus from about 40 feet to infinity. No more fumbling when passing them back and forth to friends. They're always in perfect focus.

If you've ever wondered what the numbers on different binoculars stand for, let's start with the compact model number 191. These camo colored binoculars are rated at 7x21mm. The 7x means that they magnify the object you are viewing 7 times larger than you would see it with the naked eye. The 21 means that the objective lens is 21mm in diameter. As a general rule, the larger the diameter of this lens, the greater the light gathering power, or "brightness." The 191 has a relative brightness of 13.5.

Coated lenses also help brightness, by cutting the reflection of light away from the lens. Jayson binoculars are coated with magnesium fluoride for the best and brightest image.

The PERMA FOCUS 2000 model number 195 is a black rubber coated binocular with a field of view of 578 feet at 1,000 yards. They're rated at 7x35mm and made of sturdy polycarbonate/graphite composite. Relative brightness is 37.5.

The model 206 is camo colored and rubber armored like the compact 191, but this is a powerful set of optics—10x50mm. Field of view is 393 feet at 1,000 yards and relative brightness is 37.5.

Each pair of binoculars comes with a soft nylon case and strap, protective optic dust caps, lens cleaning cloth and instructions.

Another interesting item from Jayson is the Discovery Sound Amplifier. It amplifies sound by up to 50 decibels and works at distances up to 200 feet. A good nature study item.

For more information on Jayson products contact your local dealer or write: Jayson Empire Inc., P.O. Box 14930, Dept. ASG, Overland Park, KS 66214 or call (800) 255-6366. ●



AK47 • AKS • AK22 • AR15

YOU'LL NEVER GET THIS CLOSE...

39⁹⁵ to FULL AUTO, that is!

POST PAID

"ABSOLUTELY AMAZING" ...Guns & Ammo

"INCREDIBLE" ...Guns Magazine

"BEST LEGAL FULL AUTO" ...Soldier of Fortune

"THE CLOSEST THING TO FULL AUTO" American Survival Guide

Tri-Burst™ with "INERTIA-FIRE"

YES! This all NEW "Tri-Burst"™ with "Inertia-Fire"™ will enable most any semi-automatic to fire 3 to ALL shots at a full automatic-type rate legally. The "Tri-Burst" installs in seconds and does not interfere with the normal operation of the trigger.

Get yours NOW while you STILL CAN!

FOR PROMPT DELIVERY: Cashier's Check/Money Order. Send, Name, Address, Type of Weapon (important) and \$39.95 complete. Colorado residents add 3%.

*NOTE: INERTIA-FIRE™ WILL ONLY FUNCTION ON WEAPONS WITH ADEQUATE RECOIL AND REQUIRES PRACTICE

DEALER INQUIRIES WELCOME

ORPHEUS INDUSTRIES, INC.
P.O. BOX 1415 • MONTROSE, CO 81402
FOR MASTER CHARGE/VISA CALL (303) 249-0108

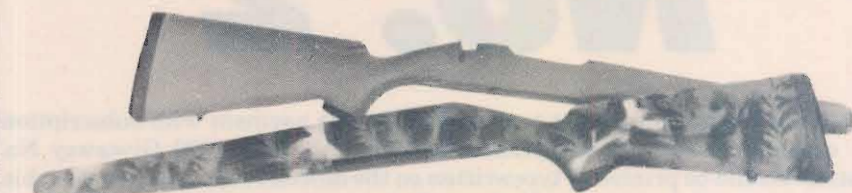
MINI 14, 30-HK91, 93, 94 • GALIL • FNC

Rynite® Stocks

by **CHORTE**

GUARANTEED FOR LIFE!

Rynite is a tough thermoplastic resin by DuPont chosen by Remington for their strongest, most accurate bolt action rifle. These Synthetic Stocks won't absorb moisture or react to changes in temperature that can throw off a rifle's point of impact. Through rain, snow, heat, cold and humidity, with this stock your sighted-in rifle stays that way. With no movement. No surprises. About the same weight as wood, Rynite is strong, virtually indestructible, and absorbs more felt recoil, which is important when you're shooting a lightweight, large caliber firearm.



7000 - Camo for Rem. 700 ADL or 7002 - Camo for Rem. 700 BDL	\$99.95
7001 - Gray for Rem. 700 ADL or 7003 - Gray for Rem 700 BDL	\$89.95
7004 - Camo for Savage 110	\$99.95
7005 - Black for Savage 110	\$89.95
7006 - Black for Savage Model 24V Combo or 7007 - Gray for Savage Model 24V Combo	\$89.95
7008 - Camo for Savage Model 24V Combo	\$99.95
7095 - Black for Mauser 95 & 96 or 7098 - Black for Mauser 89	\$89.95
7096 - Camo for Mauser 95 & 96 or 7099 - Camo for Mauser 98	\$99.95

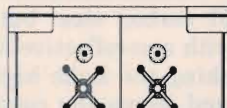
Send \$2 for complete catalog
Law enforcement inquiries invited
Major credit cards accepted

L. L. Baston Co.

P. O. Box 1995, Dept. SG
El Dorado, Arkansas 71730

Order Toll Free 1-800-643-1564

PROFESSIONAL HIGH-TECH BURGLARY



and everything you need to know about it...

If you are a homeowner with valuables to protect, or professional concerned with security for your business, this book is designed for YOU. It will enable you to HAVE a comprehensive understanding of how professional burglars bypass 90% of locks, fire safes to X6 rated jewelry safes, local

alarms to "AA" rated systems and much more.

This highly detailed and fully illustrated manual will give you THE LEADING EDGE on all types of alarm systems. It is new, technologically advanced, and easy to read.

1989, 8 1/2" x 11", 113 pages, 125+ illus. \$14.95 U.S.

The most complete book ever written on **BURGLARY**

Iron Press
P.O. Box 53, Pierrefonds
Pierrefonds, Quebec
CANADA H9H 4K8

Please send me _____ copy(ies) of **PROFESSIONAL HIGH-TECH BURGLARY**. Enclosed is \$_____ for my book(s) + \$3.50 for postage, shipping and handling in U.S. FUNDS MONEY ORDER.

Please Print

Name _____ (order #03-113)

Address _____

City _____

State _____ Zip _____

NEW 6 FT. TAKE-DOWN BLOWGUN

60-DAY MONEY BACK GUARANTEE NEW SAFETY MOUTHPIECE DEALER INQUIRIES WELCOME

Bore-Lock Cone Darts
\$10.00 per 100
(Broadhead tips not included)

Our guns come fully assembled. Not a kit that you have to put together.

Beaded Darts
\$3.50 per 100

Broadhead Tips
\$8.00 per 100
(5 free with gun)

IMMED. DEL.

Selling for \$50.00 in Europe
U.S. Price \$24.98



Thousands already sold!

FREE TARGETS
(increased speed)

Now get 4 Blowguns in 1

Aluminum Collars are Molded for Tight Fit

Free Quiver holds 12 Darts

IDEAL GIFT

Don't be fooled by other's low prices. This is the finest Blowgun on the market

You get combined:
2' Blowgun
3 1/2' Blowgun
4 1/2' Blowgun
6' Blowgun

All for \$24.98 plus 125 free darts plus carrying tube

The NEW 4-in-1 Yaqua 6' Take-Down Blowgun combined. Through modern engineering comes the first blowgun of its kind! Super Speed! Low Friction! Dart flies out of chamber as never before. Great for hunters, backpackers, hikers or any sportsman. Astound friends! Has range up to 200 ft. Can pierce 1/2" wood. NOT A TOY, dart is spring steel. Clever kit lets you adjust dart for large game or small. Kills varmints. Caliber is .40. Safety mouthpiece is rubber of patented design. Material is camouflaged aluminum. Comes in its own carrying tube. Complete with 125 dart kit. \$24.98 plus \$2.00 postage & handling. Buy 3 guns, get 500 darts FREE. Order by mail from: (PROHIBITED IN CALIFORNIA)

Midwest Sport Distributors, Inc.
(FORMERLY EXOTIC SPORTS, INC.)

Lucky St. Box 129 K Fayette, Mo. 65248

VISA, M. C., AM. EXP. & C.O.D.
TOLL FREE 9-5 CENTRAL M-F
ORDERS ONLY 1-800-248-5128

Dealers buy 12 units for only \$165 plus postage

ASG 1990 Giveaway No. 2

Fill out the accompanying coupon, and include payment with subscription orders or current subscription extensions. All ASG 1990 Giveaway No. 2 entries should be printed or typewritten on the official coupon, or a reasonable facsimile from this magazine. A facsimile entry is acceptable and valid, as long as it contains information required with the subscription or extension order/entry form. The ASG Giveaway is open to any resident of the United States. Federal law requires that only U.S. citizens are eligible to receive a firearm prize. The prize winner must not be legally restricted from receiving or possessing a firearm. This contest offer is void where prohibited by law. Employees of McMullen Publishing and its subsidiaries or subordinate agencies, agents and members of their immediate families, are not eligible to enter the contest. There is a **LIMIT OF ONE ENTRY PER PERSON** for this contest. Duplicate and/or multiple-copy entries, when detected, will be disqualified and discarded. The prize winner will be selected in a random drawing of the coupons submitted for this contest. The drawing will be conducted at 2 p.m. August 24, 1990. Entries received after August 24, 1990 at 4 p.m. will be invalidated and discarded, though subscription orders will be honored by McMullen Publishing. The prize winner will be notified by telephone and/or mail within one week of the drawing. The firearm prize winner will be required to arrange with a local federally licensed firearms dealer to accept delivery of the prize. The winner will be required by the firearms dealer accepting the prize to fill out all necessary federal, state and/or local firearm purchase and/or transfer forms. To receive this prize, the winner must meet **ALL** federal, state and/or local requirements for firearms ownership. The winner must be 18 years of age or older. **NO EXCEPTIONS.**

NAME _____

ADDRESS _____

CITY _____

STATE _____

ZIP _____

AGE (Optional) _____

OCCUPATION (Optional) _____

TELEPHONE NUMBER (Optional) _____

LIMIT: ONE ENTRY PER PERSON

☐ Enter me in ASG's 1990 Giveaway No. 2 and extend my current subscription at the renewal rate of \$23.95 for 12 additional issues. Payment is enclosed.

☐ Enter me in ASG's 1990 Giveaway No. 2 and record my new subscription at \$23.95 for 12 issues. Payment is enclosed. ☐ Bill me.

☐ Enter me in ASG's 1990 Giveaway No. 2. I do not wish to order a subscription.

Mail this coupon to:
AMERICAN SURVIVAL GUIDE 1990 Giveaway No. 2
2145 West La Palma Ave., Anaheim, CA 92801

Include the words:
ASG 1990 Giveaway No. 2
on your entry envelope, please!

52 AMERICAN SURVIVAL GUIDE/MAY 1990

Prize No. 1

The new Ranger Lite lightweight 1911A1 .45 ACP Pistol from Federal Ordnance, Inc., Dept. ASG, 1443 Potrero Ave., P.O. Box 6050, So. El Monte, CA 91733; (818) 350-4161. The Ranger Lite represents years of research & development incorporating recent advancements in die casting to create the strongest lightweight frame Fed Ord has ever produced. Machined to exacting tolerances by state-of-the-art CNC equipment, this new pistol offers the accuracy and reliability of the all-steel Ranger 1911A1 at the weight of the Officers Model 1911A1s. The frame is die cast 380 MK II aluminum alloy and the slide is 8620 steel. Total weight is 32 ounces. The sights are Millet high profile fixed type. The gun features an extended grip safety, thumb safety, slide release and magazine release, lightened speed trigger and wrap around rubber grips. Comes in a lockable plastic case. Retail value is \$465.

Prize No. 2

The Black Mamba battle-utility knife and Mini Mamba knife from Blackjack Knives, Dept. ASG, 7210 Jordan Ave., # D-72, Canoga Park, CA 91303; (818) 902-9853. The new all-black version of the famous Mamba is the same size as the original Mamba and made of the same CS-51 carbon steel but is totally coated with non-reflective Kalgard 7200, making the knife highly rust resistant and increasing cutting ability by reducing friction or drag. The custom Mini Mamba has a 4½-inch blade with full-tang construction of ATS-34 high carbon stainless steel alloy at 58 Rockwell hardness. The stylized half guard is 304 stainless and the hand contoured handle slabs are black-green micarta. This knife is totally hand made by Master Custom Knife-maker Kougi Hara in Japan. Total retail value of the knives is about \$370.

The recipient of this prize must be a citizen of the United States and must be 18 years or older. The recipient must be legally able to receive and possess this firearm. Proof of residency and age may be required.

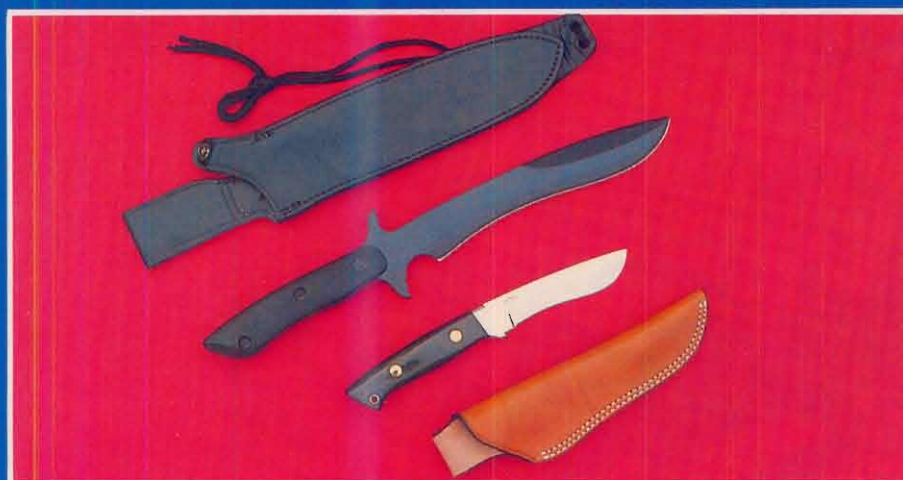
McMullen Publishing, Inc., accepts no responsibility, and refuses any and all liability for mishap and/or injury that may arise or result from any use whatsoever of this prize after it is awarded to the winner and transferred to the winner from McMullen Publishing, Inc., or other firm, company or contest donor agency.



Prize No. 4



Marauder MK-1-A knife from Black-jack Knives and available through Catoctin Cutlery, Dept. ASG, P.O. Box 188, Smithsburg, MD 21783; (301) 824-7416. The MK-1-A is the military attack version of the MK-1 knife which is patterned after ancient knife designs from Europe and the Mediterranean. Made of 400 series stainless steel, the blade is specially heat treated and cryogenically treated for extra edge holding ability and strength. Blade is 9½ inches and overall length is 14¾ inches. Handle is textured Kraton in olive drab color. Comes with high grade leather sheath. Worth \$90 retail.



Prize No. 5



NITRO-PAK's Medic First Aid Kit. Comes in a lockable, sealable plastic fishing tackle-type case. Ideal for a family or group of people. This kit contains essential first aid items for a wide variety of emergencies. It's lightweight and compact and easily transportable. Retail value is \$60. Available from NITRO-PAK Survival Foods & Supplies, Dept. ASG, 13243 E. Rosecrans Ave., Santa Fe Springs, CA 90670; (213) 802-0099.



Prize No. 3

The Reeveshooter Military Vest from R.E. Reeves, Inc., Dept. ASG, P.O. Box 500, Pittsburg, KS 66762; (800) 84-VESTS or (316) 231-0532. This is a combination ammunition vest and backpack. It's made one-size-fits-all and fits close to the body or can be adjusted to fit over bulky winter gear. Made of heavy duty nylon and using quick-release buckles, the vest is available in camouflage colors or black. Ammo pockets are available for AR-15, 9 mm or 7.62 magazines. Value is \$120.

Ants

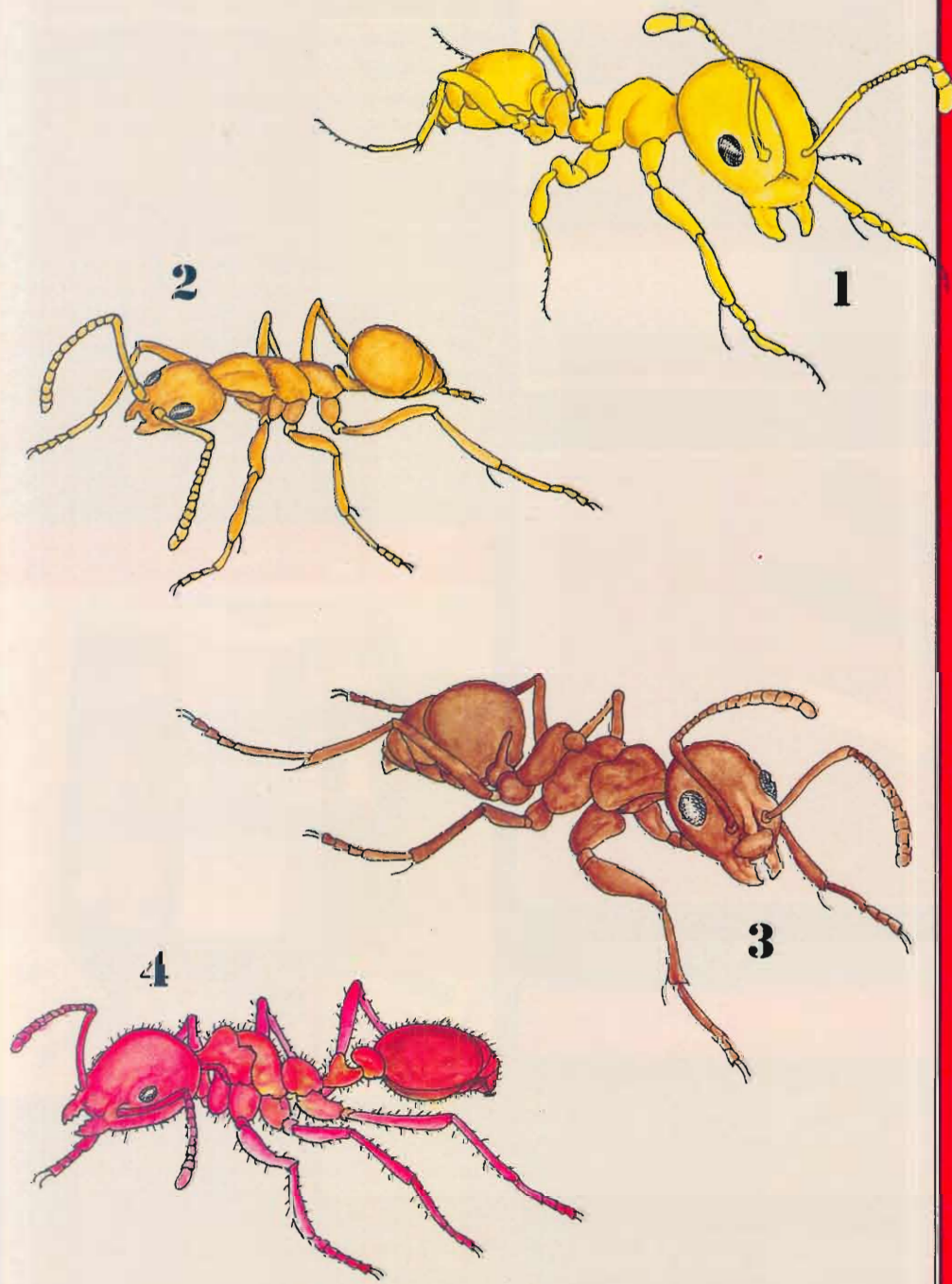
Entomologists are beginning to refute long-held myths concerning these tiny creatures. . .

By

Bennett Viken

and

Robin Sutton



THE sting is slight, so, often, it goes unnoticed. In seconds there's an all-over burning sensation, intensely felt in the palms of your hands and the soles of your feet, your eyes and genitals.

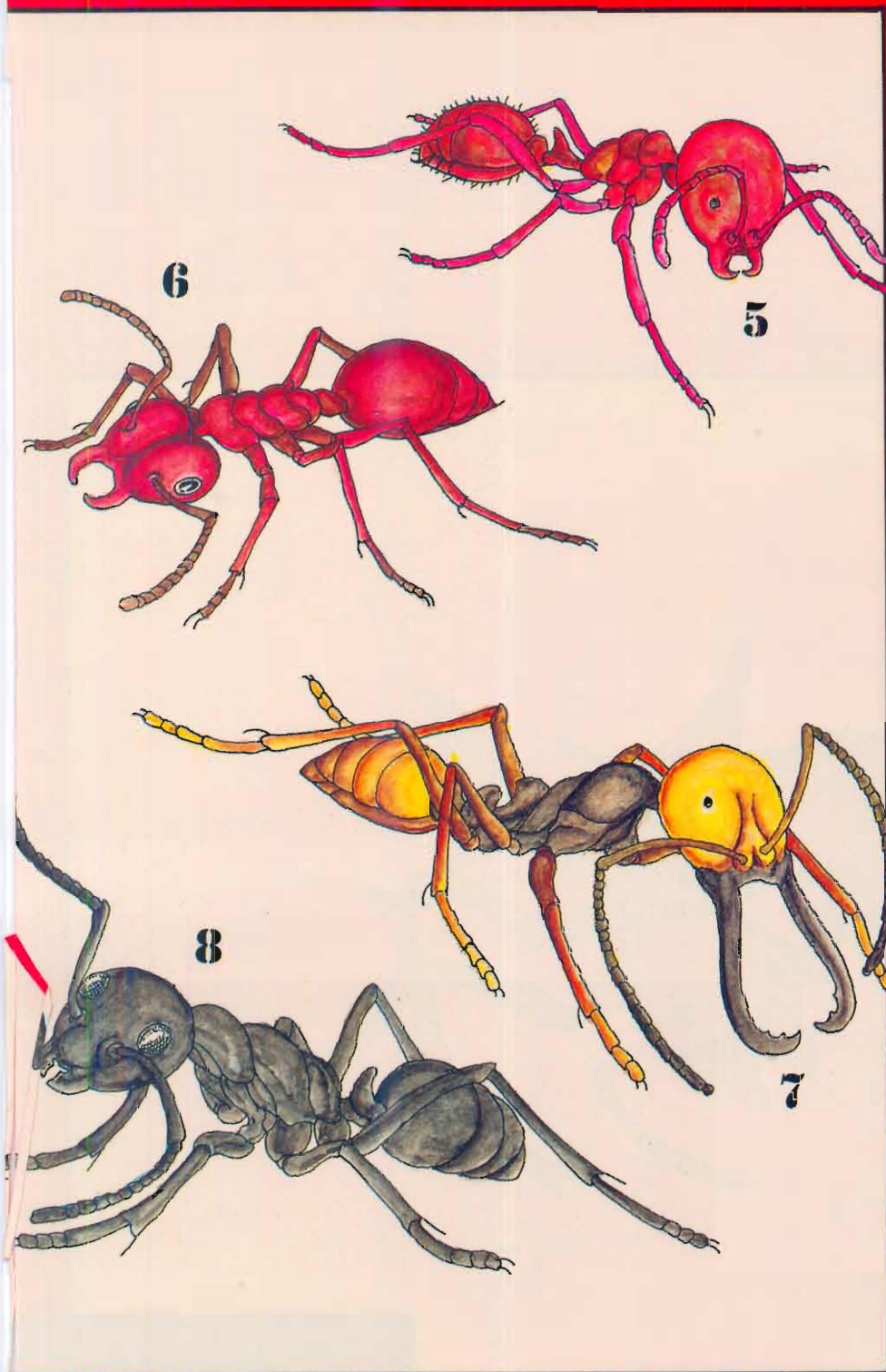
Apprehension is followed by nausea and a throbbing in your temples. Your face swells grotesquely, especially the lips, and your eyelids may puff shut. Large hives appear and breathing is labored. Symptoms reach their peak in 10 minutes, and you can be dead in 15. If you live, the symptoms can torment you for four to six hours before they gradually subside.

If you're susceptible to anaphylactic shock and you're stung by an insect, you may just have read a description of your reaction. If you guessed you were stung by a wasp or hornet, you'd be wrong. The cause of your torment was the mildly venomous Big-Headed Ant.

The Big-Headed Ant ranges throughout the eastern United States — from New York south and westward to Nebraska and Arizona. Despite its mild sting it is a species frequently guilty of causing allergic reaction. How such a small creature (over a million of them would weight less than an average teenager) can generate material of such toxicity is more of a mystery than why it should need it.

While not many think of ants in terms of stinging, explanations become a little clearer when we realize that they are closely enough related to bees, wasps and hornets to belong to the same order — *Hymenoptera*. *Hymenoptera* venom contains peptides, proteins (apamine, melittin and kinins), enzymes (phospholipase A and B and hyaluronidase) and amines (histamine and 5-hydroxytryptamine). The mixture is potent enough that a miniscule amount — one two-hundredth of

1. Big-Headed Ant, *Pheidole virilandica*, .05 to .12 inches. Native to the United States. 2. Argentine Ant, *Linepithema humile*, .04 to .12 inches. 3. Cornfield Ant, *Lasius alienus*, .08 to .1 inch. Native to the U.S. 4. Southern Fire Ant, *Solenopsis xyloni*, .05 to .25 inches. Native to U.S.



5. Fire Ant, *Solenopsis geminata*, .1 to .25 inches. Native to U.S. 6. Legionary Ant, *Labidus coecus*, .12 to .4 inches. Native to U.S. 7. Army Ant, soldier, *Eciton*, .12 to .5 inches. Native to South America. 8. Black Carpenter Ant, *Camponotus pennsylvanicus*, .25 to .5 inches. Native to U.S.

a teaspoonful diluted to one part per 100,000 — can trigger an allergic reaction. No theory has been developed to explain this high level of potency. As humans we have the sort of chemical composition that is most affected by the specific blend of the elements in these insects' venom.

We feel betrayed hearing of this level of toxicity in ants. Aren't ants

the little guys who amused us as they scurried about in their ant farms? Didn't they make us laugh at their comical antics? Weren't they always held up as exemplars of cooperation and industry winning the day? Contemporary entomologists are beginning to refute some long and dearly held myths concerning these tiny creatures.

First of all, the ant may not be such

a paragon of virtue in the field of productive labor. Greater scrutiny reveals that much of an ant's day is spent in idle grooming, social fraternization and other such non-productive activity that used to go unnoticed in the general helter-skelter of ant life. It also appears that many just go off to the side sometimes, fold their legs and lie down for a nap. On the darker side scientists are now beginning to suspect the humble little ant may be a predator of far greater significance than previously suspected.

On one level such predatory activities can be extremely useful to man when the ants' prey consist of destructive larval and adult plant pests. But predation can bring grief and woe for the helpless and defenseless. In their roles as merciless hunters and scavengers they are often the first to reach and exploit the site of a new development or opportunity in their range. Many doctors are questioning the ant's culpability in the ant-chewed remains of some abandoned babies.

Opportunism seems a byword to this family of insects. They've seized their chance on the odd boat or plane for migration far beyond the bounds any lifetime of scuttling, no matter how frenzied, would have taken them. Modern transportation has virtually opened the world to ants. And America, long renowned as the land of the immigrant, has welcomed more than its share.

In 1890, the single most significant migrant came to New Orleans on a coffee shipment from Brazil. The Argentine Ant, as it is known, is small (.04-.12 inches), even for an ant. But what it lacks in size, it more than makes up for in numbers and ferocity. There is no more effective ant at killing and driving out other species. It has a unique form of attack. It wins even against species who have larger, more formidable soldier workers (now called majors) with massive, crushing mandibles. The smaller, always more numerous Argentine Ants will circle the individual enemy. Suddenly on one side an Argentine Ant will rush forward and seize the tip of an enemy's leg, extending it. In a flash another darts in to bite off the leg at the joint. The tactic is swiftly repeated all around the doomed creature until it lies a legless, helpless hulk to be dismembered by one Argentine Ant and carried off at leisure.

As much of a tiger as the Argentine is in its own world, it poses no instant threat of harm in human encounters.

Ants

It has no sting and the bite is felt as feeble at best. It does, however, pose a long term danger. It has a tendency, perhaps due to the colony's great numbers, to scramble about everywhere, easily bringing contamination and disease vectors from refuse to food and utensils. It also injures plants by distributing its livestock of aphids, mealbugs and scales everywhere. The live-

but went unheralded among the native species of fire ants. There were important differences between the home-grown fire ant and the new boy on the block.

The first noticeable difference was the Import's ant hill. The two natives, the Southern Fire Ant and the Fire Ant, inhabit moderate to large mounds of loose soil. The Import builds a 15-to

the Import and the natives is the heightened aggressiveness that characterizes the Import's behavior. When the anthill is disturbed, the Imports literally swarm out of the nest to defend it. A typical colony may contain 25,000 Imports intent on maintaining the home guard. The Import's belligerency also carries over to foraging and feeding habits. The result is an increased



Imported Fire Ant "red form," *Solenopsis invicta*, .12 to .25 inches, stinging in a characteristic circular pattern.

stock insects are kept, guarded and tended for their tasty secretions — known as honeydew — a habit even more developed in other ants.

Fire Ants — But of all the different imported species, the one that has caused the greatest stir is the Imported Fire Ant. It came from Uruguay or Argentina and was first isolated in Mobile, Alabama, in 1929. It had almost certainly been there longer

36-inch anthill that rises out of the ground like a foam of dark earth or a burp of lava. While it may not be quite as hard as lava, it is more than hard enough to damage combines, threshers and other sorts of agricultural machinery. Even the mowers used to cut roadside hay have been seriously damaged when running into these anthills. It is possible for as many as 60 mounds to infest an acre of land.

The next radical difference between

mortality among wild and domestic animals, particularly newborns. Because quail's reliance on camouflage for protection leads to close nesting habits, they suffer greatly from the Import's predation. Both nestlings and adult quail have succumbed to the Imported Fire Ant. A true omnivore, this ant also revels in young, succulent vegetables.

Perhaps the most notable difference is the increased potency of the Import's

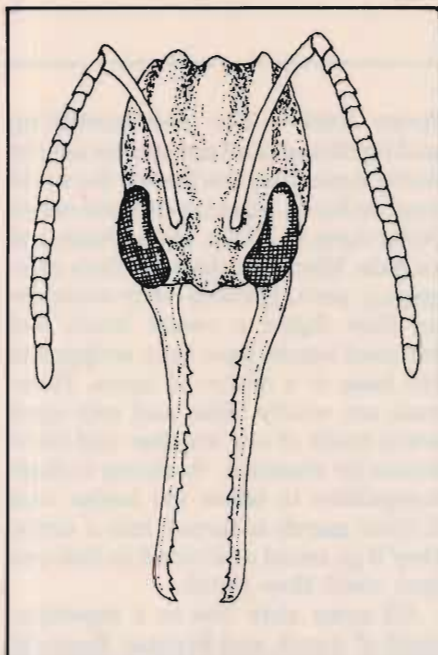
sting. The domestic varieties, especially the Southern Fire Ant, have long been known for sharp stings, sometimes killing baby birds and mammals themselves. The Import, however, has raised the ante in pain and hazard markedly. The potential for a lethal human encounter here need not depend on the victim's allergic reaction to the sting.

All ants are capable of biting you. They bite with the curved pincers, called mandibles, mounted on the front of their heads. The results can be lackluster, as with the Argentine Ant or truly sharp, like the bite of the Black Carpenter, one of our biggest ants at nearly half an inch in length. The Black Carpenter has no sting, but its bite is nearly as painful as many stings.

Some ants, such as the California Harvester, bite and sting. This ant can make a real nuisance of itself at planting time. The Imported Fire Ant takes the worst it can do and refines it by clamping its mandibles into your skin and then stinging a circle around the bite. This turns encounters with each individual Import into multiple incidents of wounds with blister-like pustules around each bite.

Actually, there are two types of Imported Fire Ant. In Alabama in 1945, scientists discovered a "red variation" to the known darker, blackish-red type. Apparently the red Import immigrated from Central America. It has proven to be more vigorous and aggressive than the darker sort and is now dominant.

Treatment — To ease the pain of ant bites, the Navajo chew the stems of snakeweed and broom snakeweed to a pulp and then apply the poultice to the wound. Zunis for centuries have mixed the dried and powdered petals of saltbush with their own saliva to produce a salve for ant stings. In an



Head of Hong Kong Jumping Ant, *Harpegnathos venator*, a great leaper and vicious stinger.

emergency, they will crush the fresh flowers of the saltbush and apply the crushed petals to the sting. One folk remedy to keep ants out of the house is to plant mint and tansy at your doorstep. Such folk remedies merit consideration. Scientists at Cornell University have discovered that a nearly extinct variety of mint found in Florida releases "trans-pulgeol" when an insect bites into a leaf. Even the smell from a cut leaf will repel ants feeding nearby, sending them scrambling away.

Modern man has become dependent on science and bottled, chemical solutions. People who are hyper-allergic can be de-sensitized to specific venoms. Unfortunately, such processes are not universally successful. Some unlucky persons suffer from what is known as cumulative sensitivity. Whereas most people would develop some immunity

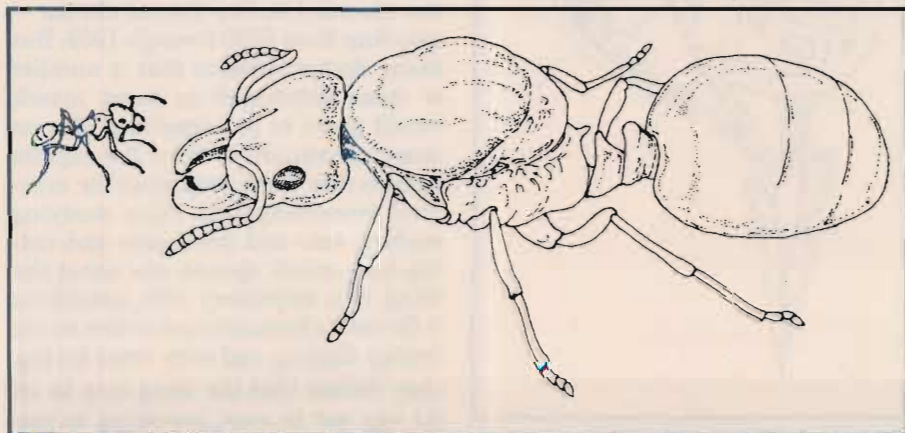
after suffering recurrent stings, people with cumulative sensitivity become increasingly allergic. In one case a young man was stung at the age of 18. He suffered cramps, nausea, vomiting and diarrhea for four days. At 20 he was stung once more and again suffered. At 21 he was stung for the last time — he died of the violent convulsions.

You can carry some medicines with you to alleviate symptoms. Ten milligram isoproterenol tablets to be placed under the tongue and an adrenaline inhaler are helpful. One of the best medications particularly for those who are prone to allergies is a self-injectible dose of epinephrin. It can be carried in a pen-sized tube that injects the dose when the top is pressed. If you do carry tablets or syringe or inhaler, use that medication immediately, before you are disabled by rapidly swelling tissue that can block oral and nasal passages.

If you do not have medication, you can apply a tourniquet between the sting and your heart to slow the passage of venom. Be careful that you do not cut off circulation and be sure to loosen the tourniquet every three to five minutes. If the ant has left a stinger embedded in your skin, scrape it off. If you try to pull it out, you may inadvertently inject more poison. Cool compresses and calamine lotion can soothe the itching as can a cool bath with a cup of baking soda dissolved in the water. You may also secure some relief from over-the-counter antihistamines, but be sure to read the label directions before taking a pill, particularly if you will be driving or operating machinery.

Getting rid of ant infestations is no easy task. Ants are extremely hardy and toxin-resistant creatures. The ant can withstand about 10,000 times the amount of radiation lethal to man. But there are insecticides that will suppress infestations. Since new pesticides are being developed continuously, be sure to check with your nurseryman or county agent for information on the most effective and any attendant dangers to wildlife.

There are two classic methods for poisoning ants. The first involves the use of a bait. The bait itself should be made with an attractant like soybean oil. Any good, fatty, greasy oil will work for ants love fats and greasy substances derived from both plants and animals. You'll also need to use a binding agent such as bran or corn cob grits. The insecticide — mirex is a good, old



Comparative difference in size between minor worker and queen in Marauder Ant, *Pheidologeton silenus*, native to Asia.

Ants

one — is added to the bait in accordance with the package directions and mixed in thoroughly. The prepared bait should then be left close to the hill, nest or known paths of travel.

The second method is to apply the poison directly. Typically, the insecticide is applied in a diluted, liquid form. Direct application is most effective when the poison can be insinuated into ant holes and raked and stirred into the hill's debris.

Imported Fire Ants pose special hazards for those who seek to poison them — especially for those who plan on applying the poison directly. The Imports swarm rapidly out of the hill to protect the colony, remember? A typical colony contains 25,000 aggressive fire ants ready to sting and bite in self defense.

You'll need to wear protective gear while you're breaking apart that hard, crusty hill. High-topped rubber boots are best. A thick band of mentholated petroleum jelly around the boot top may serve as a repellent to keep the ants out of your boots. Be sure to tuck your pants legs into your boots. You'll also need to wear long sleeves and tuck the cuffs into the gloves or tape the gloves shut over the cuffs.

Always keep a first aid kit with medications for bites and stings nearby in case the ants penetrate your defenses. It is also a good idea to have a helper along if for no other reason than to watch for and remove any ants.

There are more than 15,000 species of ants worldwide. Many have undergone surprising adaptations to carve out survival niches in a hostile world. The Cornfield Ant, common throughout North America, has no sting but will spray the area it bites with formic acid from the tip of its abdomen — proof that Grandpa's tale about the pisanant was a lesson in natural history.

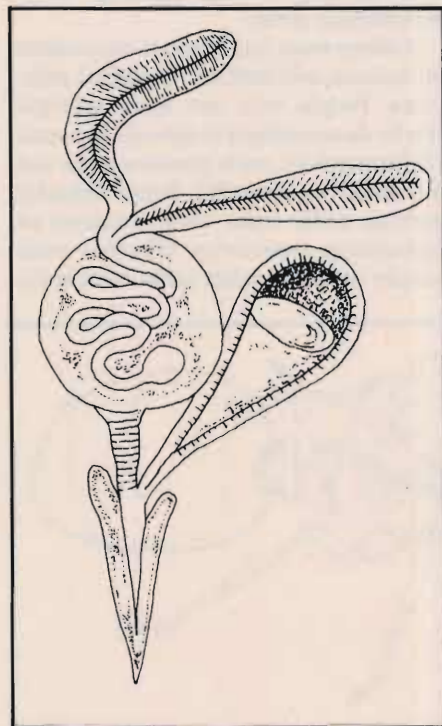
A large black Jumping Ant from Hong Kong makes prodigious leaps to land on or near its prey. It then uses its elongated mandibles to hold even dangerous prey a safe, distant captive as it stings it to death.

The Smaller Yellow Ant found on the East Coast and the Midwest sprays formic acid from a huge reservoir in its head. The acid contains citronella to facilitate and speed the acid's penetration of the skin. When disturbed, the Smaller Yellow Ant exudes the scent of citronella.

Army Ants — The most mystifying and terrifying of all ant species are the Army Ants. They are known the world over. In South America they are called Army Ants; in Africa, Driver Ants; and in Asia, Marauder Ants. In their rampaging path, pythons, semi-comatose as they digest a recent meal, and tethered horses have been stripped to the bone in a matter of hours. These ants are nearly blind and rely upon scent trails of one another and their scouts for direction. So strong is their compulsion to follow the leader that if their march is turned into a circle, they'll go round and round in that one spot until they perish.

All army ants live in a repetitive cycle of march and bivouac. Recently scientists have learned that this cycle is keyed by the reproductive cycle. When the larvae the army carries on the march pupate, they no longer need to be fed, and the march is halted. During the bivouac the queen is shielded by masses of workers and in this protected position lays more eggs. When the pupas hatch into hungry larvae, the colony renews its march for fresh food.

Every ant colony has three types of ants — usually sterile female workers, a reproductive female — the queen — and winged, reproductive male drones.



Idealized ant venom apparatus. Stinger mechanisms vary widely and many experts think evolution is phasing them out of existence.

Like the honeybees, the ant drones mate with the queen and die. Queens have been known to live for 20 years and workers for 10. In many species the workers have evolved into different forms according to their role in the colony. In Army Ant species they have evolved into small ants employed as scouts and general workers, medium size ants that serve as guards around the march perimeter and huge, fierce soldiers with great tusks of mandibles to rush forward and rend apart large prey. When two like species meet, only the smallest workers fight for right of way. The medium and larger soldiers remain aloof from the fray as if too valuable to lose in such frivolities. The Army Ants are among the most awesome and justly feared predators wherever they are found. All animals flee at their approach. They have been known to cause vast stampedes.

Not many people know that there is an American form of the Army Ant. It's widely distributed from Oklahoma and Arkansas to Texas and Louisiana. The Legionary Ant, as it's called, travels in the typical cyclic pattern of march and bivouac. But there are differences. The Legionary Ant seems more truly blind. And in travelling it constructs a protective cover of cut leaves which the workers key together in a convex form so that it won't collapse on the column. On march it resembles a miniature, undulating, rustling covered road.

These ants bite and sting fiercely, killing chickens and small pets. Such capabilities would seem to put untended infants at risk. Legionary Ants bivouac under logs and rocks and defend these rest areas viciously.

Few deaths from ant bite or sting are recorded in the United States — only four from 1950 through 1959. But many doctors believe that a number of cases attributed to heart attack would prove to be something else on closer examination. Not a few experts believe they have good news for mankind concerning ants. After studying modern ants and fossil ants and noting how many species are using the sting in a secondary role, employing it for such alternative activities as egg laying, digging and even wood boring, they deduce that the sting may be on its way out in ants, becoming as vestigial as our appendix and finally disappearing. ●

(*) OR (**) SPECIAL PACKAGING!

TRINITY CHEMICALS
 Carrying Over 45,000 Organic and Inorganic Chemicals and Compounds

6225 #26 Harrison Drive, Las Vegas, NV 89120
 Phone: (702) 739-6300 FAX: (702) 739-6044

ACETYSALICYLIC ACID...	4OZ.	\$4.75	1LB	\$14.00
ALUMINUM POWDER, (DARK)...	4OZ.	\$5.25	1LB	13.85
ALUMINUM POWDER, (BLACK)...			5LB	43.10
ALUMINUM DUST-3.5 Microns (CRYO-DUST)...	4OZ.			6.50
ALUMINUM DUST-3.5 Microns (CRYO-DUST)...	5LB	\$61.40	30LB	331.90
AMMONIUM NITRATE (CP)...	1kg.	/37.50	2kg.	/72.80
ANTIMONY SULFIDE...	4OZ./4.10		1LB	13.39
BARIUM NITRATE...			5LB	59.80
BARIUM PEROXIDE*	1LB	10.90		
BENZOCAIN, (USP)...	4OZ.			17.20
CALCIUM CARBIDE*	25gr	9.10		
CHARCOAL (Airfloat-325)...	1LB	6.80		
CHLOROFORM...	5LB	16.50		
CITRIC ACID...	16OZ	6.90		
COPPER SULFATE...	1LB	12.00		
DMSO...	5LB	21.30		
EPINEPHRINE (USP) L-Adrenaline...	1PT	16.25		
ESTRADIOL, powder (USP/NF)...	10gr/ampule	56.90		
ESTRADIOL BENZOATE, powder...	1gr	25.60		
HEXAMETHYLENETETRAMINE...	1gr	25.60		
HYDROGEN PEROXIDE 35%*	1LB	11.80		
LIDOCAIN HCl...	16OZ	6.50		
LIDOCAIN HCl...	1gr/11.20	5gr/29.00		
NITROMETHANE...	1OZ/106.00	4OZ/245.50		
PENICILLIN G POTASSIUM...	1gal	91.10		
POTASSIUM NITRATE (96% Pure)...	25mil.U.	26.20		
POTASSIUM PERCHLORATE...	25LB	39.75		
POTASSIUM CHLORATE...	1LB/9.80	5LB	22.65	
POTASSIUM PERMANGANATE...	5LB	17.50		
PROCAINE HCl...	1LB/9.10	5LB	28.50	
SODIUM CHLORATE*	2gr/8.50	10gr	16.90	
SODIUM (Metallic)**...	1LB/9.00	5LB	19.80	
SODIUM NITRATE*	4OZ	10.85		
STRONTIUM NITRATE...	5LB	18.50		
SULFUR (Dust)...	1LB/7.50	5LB	18.90	
SULFURIC ACID (S.G. 1.84)*...	5LB	21.00		
TESTOSTERONE (USP/NF)...	1gal	11.00		
TESTOSTERONE CYPIONATE (USP/NF)...	5gr	45.25		
TESTOSTERONE PROPIONATE (USP/NF)...	5gr	55.80		
TETRACAIN HCl...	5gr	45.25		
TETRACYCLINE HCl...	1gr/12.00	10gr	85.90	
YOHIMBINE HCl...	10gr	13.10		
ZINC DUST...	1gr	15.90		
ZINC DUST...	1LB/6.80	5LB	32.75	

TRINITY CHEMICALS STANDARD CATALOG \$7.00
 Our NEW HUGE CATALOG \$20.00 & NOW ON (DISK)
 PC COMPUTER DISK 3 1/2" OR 5 1/4" \$21.00 (REFUNDABLE)

NEWEST CRANK OPERATED RAPID FIRE CAPABILITY SINCE THE GATLING GUN!



RAPID FIRE RIFLE!

Our New, Universal Bi-Pod for any .22 Caliber or Big Bore Rifle is available at \$12.95.

WOULD YOU RATHER SPEND \$200.00 FOR A FEDERAL FIREARMS AUTOMATIC LICENSE?... PLUS THE COST OF A REGISTERED MACHINE GUN?... OR, SIMPLY ATTACH THE BMF ACTIVATOR, AND GET THAT VERY SAME RAPID-FIRE ACTION, FOR ONLY... \$19.95!

The BMF ACTIVATOR requires no permit or licence to BUY or USE. It will fire any semi-automatic rifle at the same rate of fire as a full automatic (up to 1200 RPM). Imagine employing a 20 round clip in less than one second. It attaches or can be removed quickly without changing your rifle; simply attaches to trigger guard with two thumb screws. Copy of letter from BATF declaring it completely legal is sent with each ACTIVATOR. If not completely satisfied, return with our retail sales slip within 30 days for a full refund. Believe us, it's a BLAST!

BMF ACTIVATOR, P.O. BOX 262364, Houston, Texas 77207-2364
 If you cannot find the BMF Activator at your local dealers, you can order yours direct today by filling out this coupon:

NAME _____
 ADDRESS _____
 CITY _____ STATE _____ ZIP _____
 Please rush me: _____ Universal BMF Activator @ \$19.95 _____ Bi-Pod @ \$12.95 _____ Both the Universal BMF Activator & Bi-Pod @ \$29.95
 Enclosed find my _____ Certified Check _____ Money Order
 Or charge it to my _____ Visa _____ MasterCard
 Acct. No. _____ Exp. Date _____
PHONE ORDERS ACCEPTED, CALL (800) 527-2881
SHIPPING FEE \$1.50 / COD'S ADD AN ADDITIONAL \$2.50

The Worlds Most Unusual Catalogs
 From Delta Press Ltd.

Delta Press
 64 color pages of the most outrageous books, products and posters you'll find anywhere.
\$3.00


Desert Publications
 Hard to find weapons manuals, books on Weapons Training, Full Auto Conversions, BLACK Books & More
\$2.00

Delta Insignia
 This great full color catalog has 64 pages filled with more than 2000 military insignia, badges, patches crests, and coins.
\$3.00

Get All 3 for Only \$3.00
 Send \$3.00 (check or M.O.) to:
Delta Press/Desert Publications
 P.O. Box 1625
 716 Harrell St.
 El Dorado, AR 71731

Reliability by GUNMACHINES

MODEL 1928 TSMG COMBAT/COMPETITION Reliability Kit \$175.00 pp.



GUNMACHINES Kits Provide PERFECT Firing Performance For Thompson Submachineguns (including the A.O.)

Each Model 1928 Combat/Competition Reliability Kit includes:

- GUNMACHINES Designed Pilot & Buffer Assembly
- GUNMACHINES Reliability Recoil Spring
- GUNMACHINES Designed Reliability Lock II (H-piece)
- GUNMACHINES Reliability Modified 1928 Actuator
- GUNMACHINES Positive Ignition Hammer & Firing Pin
- "Reliability by GUNMACHINES" Stick-On Logo & Instructions
- "Perfect Performance Or Your Money Back" Guarantee

NO fitting or machining required to your TSMG. Just substitute GUNMACHINES kit parts for the corresponding parts in your TSMG. Kits also available for Models 1921, M1 & M1A1 TSMG. All kits maintain the classic TSMG design integrity. **NO** FFL or Class III required. All kits are legal to own and install.

GUNMACHINES Catalog.....\$2.00 pp. (refundable)
GUNMACHINES Trouble-Shooting Manual.....\$9.95 pp.

VISA
MasterCard

GUNMACHINES
 P.O. Box 783
 Trinidad, Colorado 81082
 (719) 846-3823

Intratec:

Tec-22 Pistol

30-round, semiautomatic .22LR handgun...

Staff Evaluation



DESIGNED and manufactured in the United States, the Intratec Tec-22 semiautomatic pistol operates by blowback and works best with standard .22 LR high velocity ammunition.

It is made of steel and reinforced nylon components and has a matte black finish. The front post sight is adjustable for windage and has protective wings. The rear sight is a square notch adjustable for elevation with protective wings also. Sight radius is 6.5 inches.

The 4-inch long barrel of our test gun is threaded at the muzzle and the muzzle is protected by a nut that easily unscrews. The Tec-22 is available with either threaded or unthreaded barrels.

The gun is shipped with one 30-round magazine and an owner's manual in a locking black plastic case. Overall length is $11\frac{3}{16}$ inches and overall height is about 6.5 inches. The gun weighs 29 ounces unloaded.

There is an ambidextrous safety and cocking handle, making this firearm more appealing to the left-handed shooter. The slide type safety blocks the hammer and trigger.

Disassembly for cleaning is simple and straightforward. With the gun unloaded, you grip the top of the receiver with one hand and press the disassembly button at the top rear of the receiver and lift the receiver cover

up. You then remove the bolt assembly by lifting it up and out of the receiver, complete with latch (disassembly) button. This is all the disassembly recommended for normal cleaning. Reassembly is in reverse order.

In test firing the Tec-22 we found it does not feed hollow point ammunition well and frequently jammed. Our hollow points were some Winchester high velocity and CCI Stingers. The Stingers worked the best. On the whole, the hollow points were not intolerable, but Intratec recommends only standard .22LR high velocity ammunition (high velocity is needed to cycle the action) with round nose bullets be used in this gun. The manual states that truncated head ammunition, those with a sharp angle in the nose (hollow points) will tend to jam.

Other than our problems with the hollow points, however, we were pleased with the performance of this little .22. Its high-tech looks indicate it is well made and its shooting ability proves it is. We obtained very good accuracy firing at targets 25 yards away and using a bench rest.

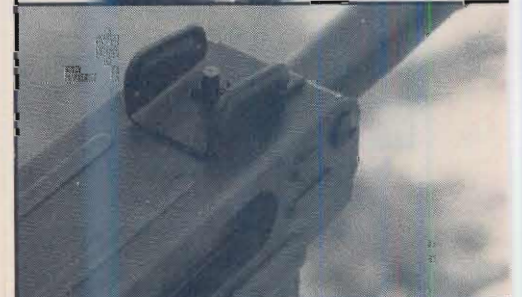
The Tec-22 Pistol is a high quality, accurate semiautomatic. Suggested retail for the threaded barrel model is \$217.95 and for the non-threaded barrel model \$201.95. For more information contact Intratec, Dept. ASG, 12405 SW. 130 Street, Miami, FL 33186. ●



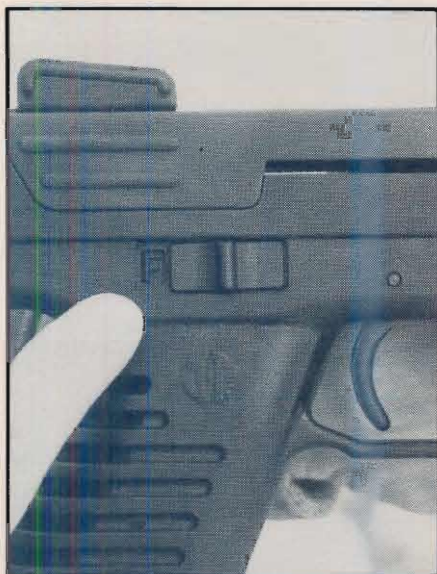
This group was fired from 25 yards using a rest.



Ambidextrous cocking handle is gripped from the top with either hand.



Front sight is adjustable for windage and the rear sight is adjustable for elevation.



Safety lever is ambidextrous (located on both sides of the pistol) and blocks the hammer and trigger.



Extra ammo can be stored in the handle, accessible by a trap door.



To field strip for cleaning, depress the disassembly button at the rear of the receiver and lift the receiver cover, then lift out the bolt.

THIS FOX IS ON THE MOVE!



Quality materials, skillful hands & modern technology combine with old world European pride of craftsmanship to produce FOX KNIVES.



Super heavy duty folders that can handle the toughest of jobs or the simplest of tasks.

Features of all knives include:

- 1) Super strong blade locks
- 2) Heavy duty springs
- 3) Brass liners
- 4) Black micarta handles
- 5) Rugged black nylon web pouch

Knives are pictured from left to right.

#574 Blade length 2 1/2" Overall length 5"

#575 Blade length 3" Overall length 7"

#576 Blade length 3 3/4" Overall length 4 3/4"

#577 Blade length 4 1/2" Overall length 5 1/2"

For more information Contact:
CATOCTIN CUTLERY

PO Box 188, 17 South Main Street
Smithsburg, MD 21783
Phone 301-824-7416 Fax 301-824-6138

Key Chain "CUTTER/FOLDER" Precision Production Made

New!



- ★ Custom Inspired
- ★ Precision Made
- ★ Lifetime Warranty
- ★ Popular Price

At last, a knife with the look, feel and quality of "custom made" at a popular price!

\$19.95

plus \$3⁰⁰
postage & handling



- 2 1/4-inch 440 blade
- 304 stainless handle
- Non-locking - Legal
- Razor sharp
- Lifetime warranty

**AVAILABLE NOW
FOR IMMEDIATE SHIPMENT**

**Crawford
KNIVES**



Custom Catalog
\$1⁰⁰



**For fast delivery Order by phone
Call (501) 735-4632**

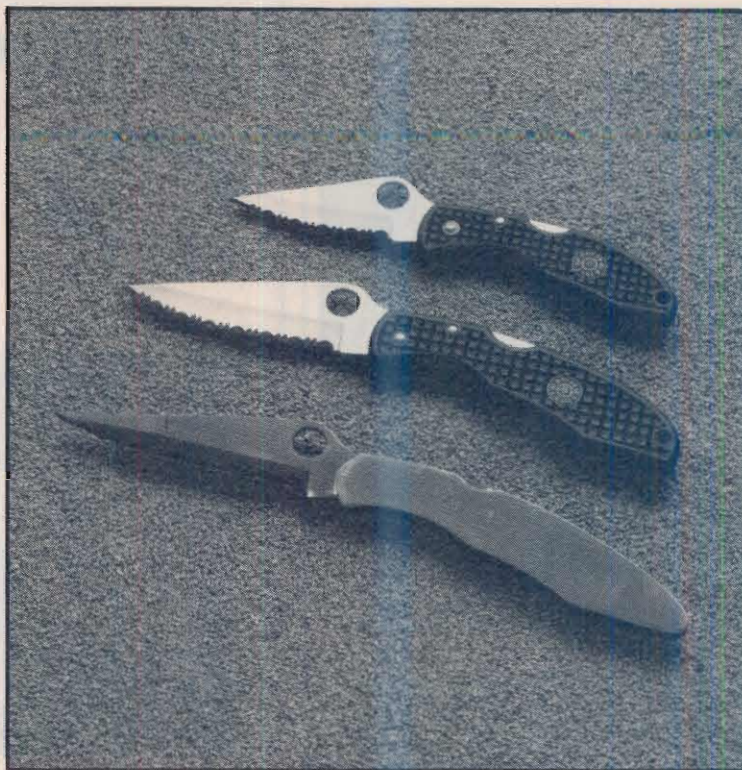
205 North Center Street, West Memphis, AR 72301

Spyderco, Inc.:

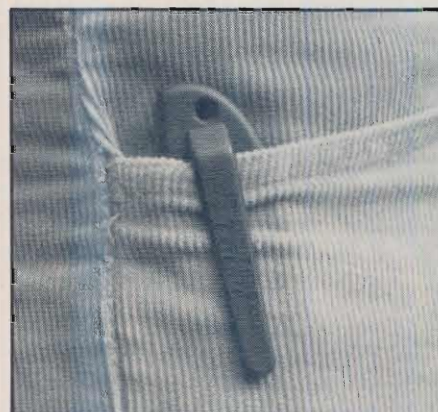
Zytel Clipits

*Lightweight, high
performance knives. . .*

The Delica and Endura compared to the black
Spyderco Police Clipit.



The Zytel Clipits feature the same patented one-hand opening hole in the blade as Spyderco's other Clipits.



The Zytel Clipits have an integral clothing clip on the handles.

Staff Evaluation

MANY of you are familiar with Spyderco's renowned Clipit line of lockback pocket knives. These knives are unequalled in their design, quality and performance.

Now Spyderco has introduced lightweight models to their Clipit line of patented one-hand opening knives: the Endura and the Delica.

The handles are made of extremely tough, very light Dupont Zytel and have Spyderco's "volcano grip" checkered texture on one side for a sure hold and an integral clothing clip (made for right-hand opening only) on the other side for attaching to pockets or other parts of clothing.

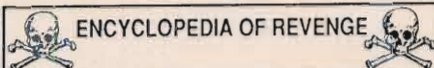
The blades are made of the same strong G-2 Chrome Molybdenum high carbon stainless steel found on other Clipit knives and are available with Spyderco's famous Spyderedge serrated edge or plain edge.

Besides being light, these knives are more compact than other Clipit models. The larger of the two, the Endura, has a blade with a 3½-inch cutting edge and overall length opened of 8.75 inches (4.75 inches closed) compared to the similar Spyderco Police Clipit with a 4-inch cutting edge and overall length open of 9.5 inches (5.5 inches closed). As for weight, the Endura is 2.72 ounces compared to the Police Clipit's approx. 6 ounces. Quite a difference in weight which you immediately notice as you carry the Endura about in your pocket.

The Delica weighs just 1.76 ounces

and has an overall length open of 6.63 inches (4 inches closed). An ASG staff member who regularly carries a Spyderco Clipit Police or Mariner knife with him tried out the Endura and Delica and found them to be every bit as strong, sharp and useful as the other Clipits he owns while noting the considerable difference in weight. "It's like they're not even there in your pocket," he remarked after carrying both knives for a few days.

The lighter, more compact Endura and Delica are ideal for personal use every day or as kit knives for emergency use in the home, auto/truck, bugoutpack or backpack. Suggested retail for the Endura is \$39.95 and for the Delica is \$34.95. See them at your knife dealer's or contact Spyderco, Inc., Dept. ASG, P.O. Box 800, Golden, CO 80402; (800) 525-7770. ●



ENCYCLOPEDIA OF REVENGE

THE MOST DEVASTATING MANUAL EVER PUBLISHED

- Over 1000 Revenge Techniques completely cross-referenced by subject so that you can look up your favorites quickly; 29 Categories in all.
- A concise no-nonsense format that is easily updatable; Your manual will never be out of date.
- Sections covering the Philosophy of Revenge, Common Sense and Staying Safe in Covert Operations. You don't want to end up in jail.
- Sample Letters and Fliers Referenced to Numbered Revenge Techniques; Just change the names to Screw the Guilty.
- A No Questions Asked MONEY BACK GUARANTEE.

REMEMBER

You would have to buy 15 books and spend over Three Hundred Dollars to get the information Jam-Packed in this Giant 8 1/2 x 11 Hardcover Volume.

PROTECT YOURSELF AND YOUR LOVED ONES

Not \$79.95! Not \$69.95! Not \$59.95! But a Bargain at \$49.95!!!
+ \$3.50 Shipping & Handling

ORDER TODAY

Anchor Publishing, P.O. Box 2630-J, Landover Hills, Maryland 20784
VISA/MasterCard Call Toll Free 24 hours 1-800-448-6280

SURVIVE!



Exotic and Functional Gear, Genuine Military Clothing and Equipment for Outdoors, Survival and the Streets. Best Quality! Right Prices!

Send \$3.00 for Your Copy Of Our Current 108 Page Color Catalog.

U.S. CAVALRY

WORLD'S FINEST MILITARY AND ADVENTURE EQUIPMENT

Department AS-05

2855 Centennial Ave. Radcliff, KY 40160-9000

SURVIVAL RETREAT



PROPERTIES
ONLY \$285 DOWN!

For 5 and 10 acre tracts in beautifully wooded, rolling hills of scenic OKLAHOMA. Secluded yet readily accessible. Clean streams, lakes, and quaint villages nearby. Great deer hunting on your own land. Privacy assured! As little as \$285 down and \$79 per month! This is low-cost survival insurance that can be paid by selling the timber off your land! INVEST NOW! GUARANTEED ACCESS, INSURED TITLE, WARRANTY DEED. Write or call for FREE info. All names and address kept strictly confidential.

BERDAN CORPORATION

150 S. Main Street
Rose, Oklahoma 74364
(918) 479-6666



ARMAMENT KNIVES
"WE HAVE THE EDGE"

"DOUBLE EIGHT BOWIE"

\$7500



- CLASSIC 9 1/2" BLADE
- 440 STAINLESS

- KRATON HANDLE
- BLACK LEATHER SHEATH

SHARK-TOOTH TANTO

\$3500



- 5 1/2" BLADE
- 440 STAINLESS

- SURE-GRIP HANDLE
- BLACK LEATHER SHEATH

PLEASE ADD \$3.00 FOR SHIPPING TO

ARMAMENT KNIVES
P.O. Box 36, Dept. AS

Richmond Hill, NY 11418-0036

SEND \$2.00 FOR COMPLETE CATALOG

New Productions for HK! ALL STEEL

G-3 and
Model 91

**30 ROUNDS
CAPACITY**

**\$5900
EACH**

MP5 and
Model 94

**40 ROUNDS
CAPACITY**

VISA/MasterCard/C.O.D.

Excellent Reproduction
of Original

30 DAY UNCONDITIONAL

ONE YEAR REPAIR & REPLACEMENT

1505 W. Sack Dr. • Phoenix, AZ 85027

— COMING! —

40 ROUND 93
30 ROUND
VALMET M-78

(602) 780-2836

MCP

Max/Capacity Products Inc.

Manufacturers of Magazines and Accessories for the World's Finest Firearms

COMING NEXT MONTH IN AMERICAN SURVIVAL GUIDE

AIDS Survival Guide for the '90s

Electromagnetic Radiation and Health

Thompson 1927A-1 .45 Carbine

Stun Guns: Operation, Features

Surviving Thunder Storms

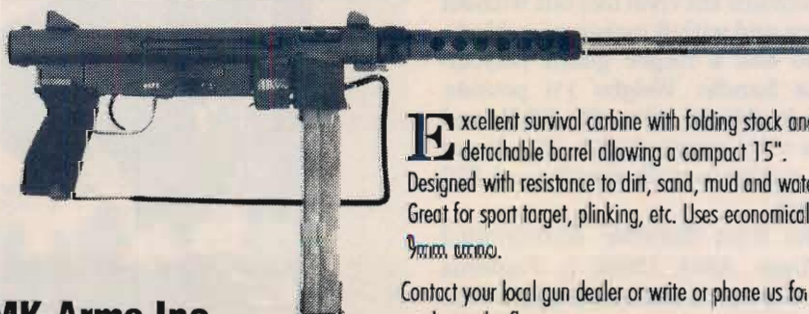
Lyme Disease Protection

DON'T MISS IT!

ON SALE MAY 8, 1990 AT YOUR NEWSTAND

MK 760

SEMI-AUTOMATIC



Excellent survival carbine with folding stock and detachable barrel allowing a compact 15". Designed with resistance to dirt, sand, mud and water. Great for sport target, plinking, etc. Uses economical *Rem-UMC* ammo.

Contact your local gun dealer or write or phone us for our catalog and a flyer.

MK Arms Inc.

P.O. Box 16419 • Irvine • CA 92713 • 714-269-ARMS

SI:

Lightweight Machetes

12-inch Sawback

Machete and

18-inch Super

Duty. . .

Staff Report

THE 12-inch blade machete/saw survival tool is made in the U.S.A. and is a good investment for survival in the bush or as an everyday tool for your back yard.

This tool features a 12-inch blade with saw back and full tang construction with injection molded finger guard poly handle that measures 18-inches overall and weighs only about one pound. Available with optional sturdy leather belt sheath. Price is \$16.95 plus \$1.50 S&H. The optional leather riveted sheath is \$9.95 plus \$1.50 S&H, or machete and sheath together for \$26 postpaid.

The 18-inch Super Duty Machete is used by large cane farms in the thick forests of South America. It has a full 18-inch blade. The Super Duty is made to the same specifications as the machete/saw survival tool but without the saw and with 6 inches more blade. It also has a finger guard polycarbonate handle. Weighs 1¼ pounds. Price is \$15.95 plus \$2 S&H and comes with canvas sheath. Two Super Duty machetes with sheaths are \$30 postpaid.

Order from Survival Incorporated (SI), Dept. ASG, 15600 S. Figueroa St., Gardena, CA 90248; (213) 324-8855 or 8859; toll free outside California (800) 533-7415. ■



ATLANTA DISCOUNT AMMO

All Major Brands - No License Required



Send for **FREE** Catalog

P.O. Box 627, Dept. ASG
Norcross Ga. 30091 (404) 446-2429

Wholesale To The Public... KNIVES



FREE Catalog

100 Pages!
S.M.K.W.'s Colorful
1990 Catalog features
all types and brands
of knives. Write today.

SMOKY MOUNTAIN KNIFE WORKS
P.O. Box 4947AS, Sevierville, Tennessee 37864

How-to create Mayhem and Destruction from the World's Most Unusual Book Store.

**THE
ANARCHIST
COOKBOOK**

Perhaps the most notorious "How To" manual on the market. This is the most asked for book that we know of. Is it any good? Well, it's now in its 29th printing since 1971, has chapters on home preparation of weapons, electronics, drugs, and explosives. Extensively illustrated, large format, 160 pp., softcover.

Order No. C-66...\$23.95

**The Poor Man's
JAMES BOND**



Intended originally for the political Right, THE POOR MAN'S JAMES BOND is now geared for use by the Civil Authorities. It is a kind of Reader's Digest of do-it-yourself mayhem. Sections include the Still, Fougasse, How to Beat a Metal Detector, Evading Pursuit, Eleven Shot Twelve Gauge Shotgun, Blowing Up a Car, Napalm, Poisons and over fifty other fascinating items. 116 p., diagrams and illus. Revised, 8 1/2 x 11.

Order No. C-65...\$16.95

**BLACK
BOOK
VOLUME 1**

**IMPROVED
MUNITIONS**

This book was the first in a series produced for the CIA & Special Forces at Frankford Arsenal in the late 1960's. The goal was to develop methods whereby CIA & Special Forces personnel could make explosives & Munitions in the field, using common available materials. 51/2x8 1/2, illus., 145pp.

Order No. C-150...\$11.95

Also Available
Black Books
Volumes 2 & 3

**Credit Card
Orders Call**

1-800-852-4445
Sorry No COD's

Science
of
Revolutionary
Warfare



By
**JOHANN
MOST**

This book, by German Anarchist Johann Most, is the most complete look at MAYHEM and how to cause it. Everything from how to make Dynamite to how to use Fulminate of Mercury. Also covers the manufacture of Nitroglycerine, Gun Cotton & Nitrogelatin. This is the book mentioned in the introduction of the Anarchist Cookbook.

Order No. C-646...\$9.95

Poor Man's James Bond Vol. 1	C-65	\$18.95 ppd
The Anarchist Cookbook	C-66	\$23.95 ppd
Black Book Vol. 1	C-150	\$13.95 ppd
Black Book Vol. 2	C-151	\$13.95 ppd
Black Book Vol. 3	C-152	\$20.95 ppd
Science of Revolutionary Warfare	C-646	\$11.95 ppd

PLEASE PRINT CLEARLY

Name _____

Address _____

City _____ St _____ Zip _____

Send
Check or
Money
Order to:

DELTA PRESS
P.O.B. 1625 Dept. SG
El Dorado, AR 71731

SEND \$2.00 FOR CATALOG
FREE WITH ORDER

UZI MINI MICRO

COLT 45

Machinegun Parts JUST - \$3.00!

Just \$3.00 gets you our 36 page **PRODUCT PACKED** Catalog jammed page after page of Parts for **UZI, AK/AKS, H & K, AR-15/M-16** or **ANY** other type Assault Rifle or **Machinegun**. Also included is our famous Specialty Ammo and Legislative Information!

Rhino Replacement Parts

PO Box 669

Seneca, SC 29679

(803) 882-0788

AR-15 M-16

STEN

TIMBERSHEPHERD® TIMBERWOLF/GERMAN SHEPHERD HYBRID

As featured in SWAT MAGAZINE, Nov. '83,
Survival Guide Magazine, Aug '84,
American Survival Guide Magazine, Feb. '87,
Cover feature story ATLANTA WEEKLY
Atlanta Journal-Constitution Sunday
Magazine, Jan 31, 1988

Home & Family Protection

All Trainers Dept. of Defense Certified.

-Pups & Professional Training Available-

Lifetime Replacement Guarantee for

Genetic or Temperament Disorders.

—Excellent With Children—

Shipping Available Worldwide

"Developed and Bred Solely by..."

LRRP K-9 SERVICES, INC.

Box 1620 SG, Aiken, SC 29802

(803) 649-5936

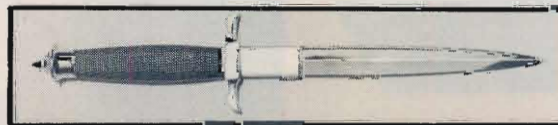


"One of the Atlanta
most renowned dog breeders"
Atlanta Weekly Jan 31, 1988

SILVER SHADOW

UC-441 "Silver Shadow: 12 1/2 inches overall. 7 1/2 mirror polished, double-edged stainless steel dagger blade. Polished stainless steel hand-guard and pommel. Wire wrapped handle. Custom fitted leather sheath.

\$48.50 plus
\$5.00 shipping
anywhere in
U.S.A.



Custom Designed by
Master Knife Maker

GIL HIBBEN

Designer of the RAMBO III BOWIE

Shipping and handling plus catalog included in price.

VISA & MASTER CARD ACCEPTED. C.O.D. \$2.75

Free gift with every order. Personal checks = 12 day

waiting period to clear the bank.

Comes complete with a
custom-fitted, American
made, black leather sheath.

Great Lakes Distributing

600 W. Orange, Greenville, Michigan 48838; (616) 754-6694

OFFERING My Hollow Handle Survival & Combat Knife

8"

440 C Blade
with Saw Teeth
That Work!
13" overall length.
All stainless steel
construction
with combat sheath.

Non-Glare Mat
Combat Finish

\$225.00

**R
P**

KNIVES By Robert Parrish

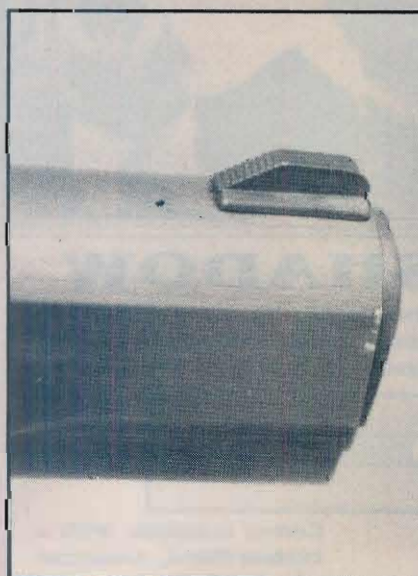
Custom Hand Made Knives

1922 Spartanburg Hwy, Hendersonville, NC 28739
Phone (704) 692-3466. Send \$2.00 for catalog.

Ranger Lite



Among the distinctive features of the Ranger Lite are wrap around rubber grips and an adjustable trigger.



The Ranger is made with Millet high profile fixed sights.



(Continued from page 24)

tion Ranger Lites as a test gun for testing. This is the same pistol we will be giving away as the top prize in our new 1990 Giveaway No. 2 contest (see pages 52,53) but the winner will receive a brand new pistol which has only been test fired at the factory. The gun will be shipped in a padded, lockable plastic case.

Our first test shooting session with the Ranger Lite was just after a winter storm in the Southern California mountains at high elevation and in bitter cold and high winds. All our test guns that day, our cameras and the test shooters were adversely affected by the cold. The Ranger Lite functioned perfectly during test firing but our accuracy (firing from a standing position without a rest) was not good. We think this was due to the cold, because a few days later at a local firing range, we had excellent accuracy firing from a bench rest at 25 yards from the targets.

Once again, the test gun functioned perfectly. At the first firing session we tried a few hollow point cartridges in the Ranger Lite and it would not feed them, jamming up every time. This is to be expected in a mil spec gun which can be modified to handle hollow point ammunition fairly easily.

Switching back to standard 230-grain military ball ammunition we experienced no problems whatsoever. With its black anodized frame and blued slide, black wrap around rubber grips and other distinctive features, the Ranger Lite is a handsome new addition for those who favor the 1911A1 pistols. ●

Ranger Lite: Tech Specs

Caliber	.....45 ACP
Action/operation	.....semiauto/blow back
Capacity	.....7 + 1
Composition	.....380 die cast MK II
	aluminum alloy frame;
	8620 steel slide
Weight, empty	.....32 ounces
Lengths:	
Overall	.....8.75 inches
Barrel	.....5 inches, hammer forged
	rifling, 6 groove, L.H.,
	14-in-16 twist
Overall height	.....5.75 inches
Sights	.....Millet high profile fixed
Sight radius	.....16 inches
Price, suggested retail	.....\$464.95
Manufacturer,	
distributor	.....Federal Ordnance, Inc.
	Dept. ASG, 1443 Potrero Ave.
	P.O. Box 6050
	South El Monte, CA 91733
	(818) 350-4161

DeSantis:

Gunny Sack

Innovative belt pouch concealment holster. . .

Staff Report

DESIGNED and field tested to meet the restrictions of covert law enforcement operations in the New York area, the "Gunny Sack" belt pouch concealment holster enables the wearer to move around without arousing notice by carrying any type of handgun in an inconspicuous and commonly worn belt pouch.

Yet when it's needed, the gun can be rapidly drawn by simply pulling away the outer two compartments which are attached to the holster compartment by Velcro® hook & loop fasteners. The Gunny Sack, from DeSantis Holster & Leather Goods, comes with holsters for any size handgun. Holster, pouch and adjustable belt with fastex quick release buckle are all made of black nylon. The holster is secured in the largest inside compartment of the Gunny Sack by a Velcro Strip and can be removed and adjusted for various types of carry (right handed, left handed, butt up, butt down, etc.). Two mating nylon straps with Velcro hold the weapon in place until you draw it by a firm tug, pulling apart the two straps.

The outer two compartments are closed with sturdy YKK zippers and will carry quite a few other items the wearer may need or want to help conceal the handgun.

The Gunny Sack with its interchangeable holster and rapid draw tear-away release system is an innovation in concealment holsters. Available for \$49.95 plus \$3 S&H (specify holster size) from DeSantis Holster & Leather Goods, Dept. ASG, 149 Denton Ave., New Hyde Park, NY 11040; (516) 354-8000. ●



To draw your handgun from the Gunny Sack grip one side of the belt pouch with your offgun hand and pull out and down, grip the gun and pull it through the retainer straps holding it in place.

A SECURITY INVESTMENT THAT REALLY WORKS!!

Safely Conceals Any Handgun

Complete with hardware, instructions,
money back guarantee.

Dealer inquiries
welcome



\$19.95
ppd

GUN NOT INCL.

IDEAL FOR
home, office, store,
bank, auto, boat
MOUNTS ON ANY SURFACE
under a table, desk or
cabinet, drawer, etc.

**KWIK
DRAW**

JMC ENTERPRISES
3230 Ridge Oak Dr. • Garland, TX 75044
(214) 530-1228
TX res. add 8% sales tax

1990 SHOMER-TEC CATALOG NOW AVAILABLE

Send today for this
new 72-page catalog
with a unique line of
security, survival, military
and law enforcement products.

For your copy, send \$2.00
(deductible from first order)

SHOMER-TEC™

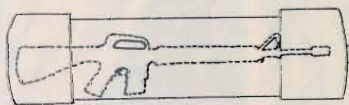
DEPT. ASG

P.O. Box 2039

Bellingham, Washington 98227

STASH IT IN OUR CACHE

**FIREARMS, AMMUNITION,
FOOD, SURVIVAL GOODS**



Permanent, Discreet, Water Tight. Conceal your
valuables before it's too late! Many sizes,
Options, Custom Work. 25 Page Catalog/Instruction
Manual \$5.00

Den-Jon Const. Inc.
Dept. C-ASG, 3448 Sheridan
Zion Illinois 60099

STEALTH HIDEOUT ESCAPE SAW

A nonweapon that can go anywhere. Invisible to airport metal
detectors. Cuts chain, rope, hand-cuffs, and padlocks. Weighs
1/2-ounce, 5/16" thick, 3 1/4" long closed. Put it on your
keychain, wear it around your neck on a cord, sew it into the
lining of your jacket, or slip it into your sock. A useful survival/emergency
repair tool for world travelers, sportsmen,
and adventurers.

Don't get "caught" without it!
Only \$9.98 PPD, two or more, \$8.49 each.



PAGER HOLSTER

Press button, case flips open.
Fits: "Baby" .25 autos from
Browning, Bauer, Fraser, and
PSP .25; Davis Derringers;
North American and Freedom
Arms .22LR mini revolvers.

\$19.95 plus \$1.50 S&H, or two for \$34.95
SPLIT SECOND SECURITY, INC.
P.O. BOX 16142-G, HOUSTON, TX. 77222

SURVIVALIST DIRECTORY

THIS IS A CONFIDENTIAL listing of survivalists who wish to be-
come known to others of like mind. *American Survival Guide* will
accept properly coded mail and forward it to the coded addresses without
charge. *American Survival Guide* accepts no responsibility for the con-
tents or results of these confidential communications. Mass mailings are
not permitted.

ASG 0501

East Peoria, Illinois. I am a 27-year-old male with
a desire to become survival qualified. I have a cer-
tificate of U.S. Army Basic Training, but need to recon-
dition body and mind. I am dedicated and motivated.
Would like to correspond with well informed individual
or survival group. I am interested in training myself.
I am serious in my quest for training knowledge. I
believe in God, the USA, the family unit and being
prepared.

ASG 0502

United States. Team of professional security
specialists/survivalists would like to network with others.
We are concerned with the future of our country and
our world. Security ops and covert ops are our specialty.
Please no Rambos, gays, nazis or communists. All
serious inquiries will be answered.

ASG 0503

Colorado Springs, Colorado. Young survivalist in early
20s interested in hearing from others in the same age
group in the American Southwest. I am trying to form
a single survivalists introduction service to those who
are interested.

ASG 0504

United States. National Directory — Singles, families.
Monthly newsletter. Exchange of ideas. No drugs, reli-
gious fanatics, commies or Rambos. Please include
SASE.

ASG 0505

Northeast Texas. Would like to hear from others
interested in forming a group. Women welcome. I teach
survival and hand to hand combat. Must be low profile
type.

ASG 0506

Pittsburg/Southwestern Pennsylvania. Survival
oriented individual seeking like-minded people for
exchange of information and possible training. No
extremists, please.

ASG 0507

Vernon, Connecticut. We are a group of survivalists
who are willing to exchange ideas and information on
various topics such as outdoor survival, civil crises,
nuclear/mandmade/natural disaster, civil defense from
terrorism, etc. Prefer low-profile and those with
knowledge and willingness to learn about the above
topics or any other topic related. Please, no religious
radicals, left-wingers or communists, nuts or non-
serious replies. All serious replies will be answered.

ASG 0508

Northwest, Oklahoma. Small military-like group form-
ing. Would like to contact other groups around the
U.S. Information exchange or ideals. Ages 14-20 please.
No racists, commies, druggies, gays, religious fanatics,
crazies or Rambos.

ASG 0509

Belton, South Carolina. Would like to correspond with
other survivalists in my area. I would like to exchange
ideas and information with others who are interested.
All letters answered.

ASG 0510

Coastal California. Family looking at corresponding,
networking with others. Legal system going downhill
fast. Racists and Rambos save your paper.

ASG 0511

Eastern New York State. Single male survivalist, 27,
wishes to communicate with individuals or groups in
the tri-state area. I am also seeking members to join

my small group. Please write, including background
information and photo (if possible). My specialty is
mountain survival. All serious inquiries will be answered.

ASG 0512

Dyersburg area, West Tennessee. I am a single
21-year-old male and I am in a survival group located
near Dyersburg. We would like to make contact with
survival groups or individuals in West Tennessee or
anywhere in the U.S. We have just about everything
covered, from computers and electronics down to guard
dogs, weapons and all of the basics. However, we
believe the friendship with other survivalists is one
of the greatest assets of all. No troublemakers, nuts,
gays, etc.

ASG 0513

Hampton, New Hampshire. A young 15-year-old male
is seeking information on topics such as self-defense,
living off the land, shelter building, etc., or any other
information involving groups that will accept someone
my age. It is hard to be taken seriously at this age,
but I am.

ASG 0514

Vandalia, Illinois. Low profile professional survivalist
couple looking for group of like minded individuals.
Share information and skills; possible group forma-
tion. Only serious minded individuals or families need
contact. No Rambos, bigots, radicals or non-Americans
need respond. Skills include EMT, weapons, self
defense, technologies and machining experience,
gardening and clothes production. All skills necessary.

ASG 0515

Eastern South Carolina. Planning a nuclear fal-
lout/blast shelter to support 12-30 pro-Americans to
be built before 1994. Needed computerwiz, ace
mechanic, and medical personnel for this group. Would
also welcome any advice/suggestions for the shelter.
We currently have sketches, ideas and area decided.
We would like to hear from others who would be
interested in being a part of our group. No gays, com-
mies or druggies.

ASG 0516

East Texas. Have just moved to East Texas. Would
like contact with survivalists in area, especially Chris-
tians. Will reply to all, except racists.

ASG 0517

Spring, Texas. Scorpio Group must make contact
immediately.

ASG 0518

Pittsburg, Kansas. Christian survivalist wanting to con-
tact other survivalists. I am president of the Pittsburg
Christian Survival Group. Not a fanatic. I love my coun-
try and its constitution. Pro Americans only. No gays,
commies, racists, atheists, or Muslims.

Address response letter as follows:

American Survival Guide
ASG 0000 (Code Number, As Above)
2145 W. La. Palma Avenue
Anaheim, CA 92801

Your letters will be forwarded to persons listed within two
days of receipt. *American Survival Guide* accepts no
responsibility for loss or delay of letters. Contact letters
that do not carry the appropriate code number will be
discarded.

Those who wish to be added to the directory listing, please
send names and addresses to *American Survival Guide*,
2145 W. La. Palma Avenue, Anaheim, CA 92801. This listing
is free. *

FAL EXTRACTORS

Belgium Type \$28.95

MARINE FIGHTING KNIFE

by Kabar \$26.50

Include \$2.00 for S&H
Receive a Free Mail Order
Catalog with each order.
Catalog \$2.00.

Quantities Limited to
Supplies on hand.

T.E.S. Enterprises

RT. 1 Box 35-7

Hereford, AZ. 85615

Phone no. (602) 378-9413
10am - 6pm (MST) Tue-Sat

DO IT YOURSELF

PHOTO I.D.



YOUR NAME AND
PHOTO SEALED
IN PLASTIC!

ANY 3 KITS

\$14.99

It's easy to make your own Photo I.D. Our kits include everything you need! You supply only the photo. Anyone can do it — Satisfaction guaranteed! Choose any 3 Kits for only \$14.99.

- SPECIAL WEAPONS PERMIT
- PRIVATE INVESTIGATOR
- INTERNATIONAL DRIVER'S LICENSE
- STATE PHOTO I.D. (All 50 Available)
- BOUNTY HUNTER
- DETECTIVE
- SECURITY OFFICER
- MERCENARY

Send cash, check, or money order to

FOOTHILLS FASTPRINT
P.O. Box 1155-SG, Ellijay, GA 30540

BLACKHAWK SUPERBOW \$199.95 \$79.95
ARCHERY WORLD USA SALE!
150 lb. Crossbow, laminated heat-cured suspension fiberglass bow, Fibertek glass stock, die-cast alloy nose, front/rear steel micro-adjust, slits, wind/tilt, safety, brass DRAW track, ckr'd grips, MonteCarlo cheekpiece, scope mt 1-silence, recoil pad 110 yds 225 fps.
150 LB. CROSSBOW \$199.95 \$79.95
4x32 (big) \$44.44
4x20 (small) \$22.22
Cock lever (opt) \$18.75
Camo pad, sling \$8.75
Camo X-Bow case \$25.75
Camo Quiver \$9.75
Bow strings \$5.
VISA, MC, AMEX
2-day delivery, Q&A NO CODE
Must be 18
500-228-2323 or INFO 800-1-973-0222
ED'S ARMY-NAVY-SURPLUS STORES, BOX 27222-V, Salt Lake City, UT 84127

ROOM SURVEILLANCE TELEPHONE



This is a normal functioning telephone! EXCEPT it has a secret built in room monitor. Only YOU can call and monitor all room conversations, using a secret code, and never be detected!

\$175.00 - 6 month Warranty - Phone Tap Catalog \$3.00
LISTEN ELECTRONICS, 603 Elgin, Muskegon, MI 49401
1-800-633-TAPS

COTTAGE TOILETS

"SUN-MAR"

Composting Toilets

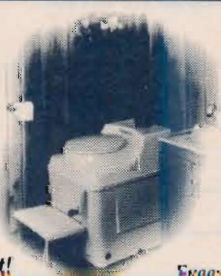
Several models available like the non-electric "N.E."

Requires:

- NO Septic System
- NO Chemicals
- NO Plumbing
- NO Water

Save the Environment!

Recycle Back to Nature!



Free 8 Page Colour Brochure

SUN-MAR CORP. (416) 332-1314

P.O. Box 67 900 Hertel Avenue
Wicomico Church, WV 22579 Buffalo, N.Y. 14216 USA

New
60-Day Money-back
Guarantee Excluding freight &
return postage

HI-POWER MODEL PELLET RIFLES

New
Dealer Inquiries
Welcome

- Single Pump Break Action • Adult Type
- 300 Yard Range • 5-Year Manufacturer Warranty
- .177 Cal. (4.5 mm) Lead Air Gun Pellet

Model 61 - Order No. AC-61

\$32.95*

650 FPS

Model 62 - Order No. AC-62

\$36.95*

700 FPS

Model B3-1 MAGNUM

Order No. AC-B3-1

\$42.95*

800 FPS

Model TS-45 Elite

Order No. TS-45-2

\$49.95*

800 FPS

Extra

LEAD PELLETS.

200 Pellets per box
10 boxes per carton
Order No. AC-G6263

PER

CTN.
2000 PELLETS

\$9.00

*\$4.00 Postage & Handling Per Air Rifle
*\$1.50 Postage & Handling Per Carton of Pellets

ORDER BY MAIL FROM:

MIDWEST SPORT DISTRIBUTORS, INC.

Lucky Street, Box 129k, Fayette, Mo. 65248

VISA-M.C.-AM. EXP. & C.O.D.

TOLL-FREE
24-Hours

ORDERS ONLY 1-800-248-5128

FREE
56-page
Catalog
With Order

SUPPORT AMERICAN SURVIVAL GUIDE ADVERTISERS

BRIGADE QUARTERMASTERS OUTDOOR ACTION GEAR®

UNIQUE CLOTHING & EQUIPMENT FOR SURVIVAL

Our 100 page Action Gear® Catalog has everything for adventuring, survival, law enforcement, military duty, hunting, or just roughing it in the great outdoors. Leather flight jackets, sweaters, footwear, knives, clothing & equipment. We search worldwide for no-nonsense, unique & functional gear.

Order your copy today!

ORDER TOLL-FREE OR MAIL CHECK, M.O., VISA, MC, DISCOVER, AMEX.

TOLL FREE **1-800-228-7344**

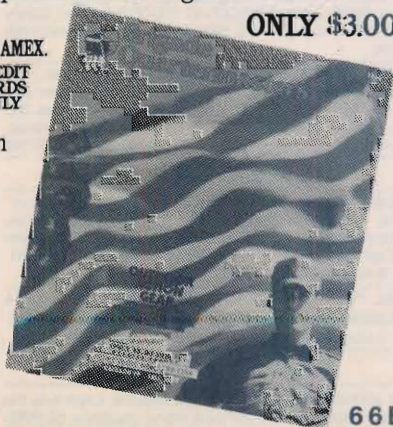
CREDIT
CARDS
ONLY

10% OFF Clip and mail this ad or mention #66C to our customer service representative and receive 10% off your first order of \$50.00 or more.



**BRIGADE
QUARTERMASTERS
ACTION GEAR®**

1025-66E Cobb International Blvd., Kennesaw, GA 30144-4300



ONLY \$3.00

66E

CLASSIFIED ADVERTISING

BOOKS/PUBLICATIONS

"ANARCHIST COOKBOOK" AVAILABLE AGAIN! Get 'em while we got 'em! \$22 postpaid. Barricade Books, Box 1401-F, Secaucus, NJ 07096.

SURVIVAL: A MANUAL THAT COULD SAVE YOUR LIFE Life-saving first-aid and wilderness medical care, water procurement, improvised survival tools and weapons — one of the best guides available. Softcover, 208 pp. \$17.50, from Paladin Press, P.O. Box 1307-CAIK, Boulder, Colorado 80306 (800) 642-8300 Ext. 24.

MEN OF ACTION AND ADVENTURE order our 50-page catalog. Books on new identity, improvised explosives, revenge, firearms, survival and many other outrageous and controversial subjects. Get yours today! Send \$1.00 to: Paladin Press, P.O. Box 1307-CAIT, Boulder, Colorado 80306.

FREE GOVERNMENT PUBLICATIONS — available on natural, technological and nuclear crisis. \$1 LDW, P.O. Box 611, Dept. ASG, Austin, MN 55912.

IS YOUR HOMETOWN "GROUND ZERO"? "TARGET U.S.A.?" lists likely military/economic targets, scenarios. \$4.00 Northstar Publications, Dept. ASG, 1424 Rodeneath, Lansing, MI 48915.

REPAIR YOUR CREDIT RATING — plus fill your bank account with cash. This publication provides you with useful information on how to erase bad credit ratings. Send \$25.00 to VN ENTERPRISES, P.O. Box 1583, Dept. ASG, Clayton, GA 30525.

CAMOUFLAGE The basics, what every survivalist should know. Rush \$3.00 p.p.d. to "CAMO-ASG," P.O. Box 5655, Jacksonville, N.C. 28540.

TRIPS, TRAPS, SNADES AND KILLING IMPLEMENTS — the basics. Rush \$4.00 p.p.d. to "TRIPS-ASG," P.O. Box 5655, Jacksonville, N.C. 28540.

FINDERS GUIDE contains the best merchandise for the best prices. Discounts on land, homes, generators and hundreds of other items. Headings include homes, weapons, health, knives, electronics, optics, learning materials. Everything between the best speakers to language programs. Send money orders only for \$15.00 to Frank Litton 1617 Ogden Ave., Dept. ASG, Lisle, IL 60532.

ALL NEW CATALOG OF GOVERNMENT SURPLUS MANUALS 28 pages filled with over 1000 Technical & Field Manuals covering almost all military weapons and systems, Training Manuals including Special Forces Operations, Intelligence Information, some of which has only recently been de-classified and Historical Reports written by the Officers who planned and fought the battles. Send \$2.00 to DELTA MANUALS, P.O. Box 1751-02, Dept. ASG, El Dorado, AR 71731.

YOU CAN FIND ANYONE! Secretly obtain unlisted phone numbers, confidential postal and DMV records, birth/death, credit and confidential court records. Author reveals every source, method and trick known. Locate old friends, lost lovers, debtors and enemies. For your copy of **YOU CAN FIND ANYONE!** send \$14.95 plus \$1.75 postage. TARGET BOOKS, Dept. A 13575 Martinique, Chino Hills, Ca 91709.

HOW TO OBTAIN BIRTH, DEATH, MARRIAGE, DIVORCE & ADOPTION RECORDS. Reference source for anyone searching for old friends, relatives, lost loves or anyone else whom they desire. You will learn where to look state by state for these important records. Send \$9.95 plus \$1.75 postage. TARGET BOOKS, Dept. A1, 13575 Martinique, Chino Hills, CA 91709.

FREE CATALOG of books designed for Survivalists, Patriots, & Christians. Bohica Concepts. Dept. ASG, P.O. Box 546, Randle, WA 98377.

FOOD/WATER

SURVIVAL, SELF-SUFFICIENCY? CAMPING SUPPLIES, EQUIPMENT & BOOKS. Long term storage foods, MRE's & clothing. FREE Catalog! DISCOUNT PRICES! Survival Supply Co. P.O. Box 1745, Dept. ASG, Shingle Springs, CA 95682 (916) 621-3836.

YOU CAN'T SURVIVE WITHOUT WATER — Survivalist, hunters, campers. Drink groundwater safely. Complete canteen size water unit with bacteria tabs. Cordura belt carrier, treats 250 gallons of water. \$79.00 plus \$5.00 S & H. to Ron Morris Assoc. Dept. ASG, 112 Business Circle, Thomasville, Georgia, 31792

WEAPONS

IMPROVISED WEAPONS VIDEO — Be ready for a "Red Dawn" scenario. Secrets on construction, materials, safety. Home-made cannons, bombs, weapons shown "in action." VHS, \$29.95 p.p.d. (Calif. add \$1.88) Survival Tactics Video, P.O. Box 5061, K-141, Buena Park, CA 90622.

.22 CAL. "PEN-GUN" PLANS — Easily built from hardware store materials. FREE "lighter-gun" plans with order. Rush \$6.00 to: M. Bellus 8633 Turin Rd. Dept. ASG, Rom, NY 13440.

MISCELLANEOUS

KNOW ANTI-TERRORIST SURVIVAL SKILLS. Learn how the "Best of the Best" handle the most critical situations. BE PREPARED FOR THE WORST! Write for the fully illustrated brochure.

Send \$5.00 to Mad Dog, 527 N. Azusa Ave. #131, Dept. ASG, Covina, CA 91722.

MILITARY I.D. TAG with chain, \$4.00 postage paid. Four lines up to fourteen spaces. Somerset Productions, P.O. Box 3041, Dept. ASG, Columbus, GA 31903.

MAKE LOCKPICKS YOURSELF. Easy to follow plans, using materials available everywhere. Send \$5.00 (No checks) to, Checkmate Key Shop, 2900 Boniface #486, Dept. ASG, Anchorage, AK 99504.

OUTDOOR FIELD COURSES — edible plants, first aid, survivalism, backpacking, navigation, leadership, more. 6-day courses April - October. Adirondack Mountains (June, July, August). Scholarship - tuition assistance. \$1.00 to: Stellar Survival - Outdoor Leadership School, P.O. Box 391, Dept. ASG, Jamestown, NY 14702-0391.

FOR SALE: SECLUDED 11 ACRES & 2000 sq. ft. home on gently sloping hillside in the trees. Cedar log siding, 30 fruit trees, grapes, berries, etc. Generator can pump good well & run house during blackout. Propane cooking, wood stove heats entire house & water. P.O. Box 124, Dept. ASG, Merlin OR 97532. FAX (503) 779-3496 \$125,000

INSTALL YOUR OWN FLOOR SAFE. Instructions come with safe. Free catalog. American Sterling Co. P.O. Box 5372, Dept. ASG, Austin, Texas 78763.

APACHE WARRIOR CORN BREAD! Delicious, quick and easy to make. Send \$2.50 to Matthew Nozle, Box 642, Dept. ASG, Ft. Apache, AZ 85926.

HIDING SOMETHING? We have everything for the long term storage of firearms, ammunition, and valuables. In house or out. Above ground or below. Send \$5.00 for catalog, methods, systems, tips and instructions manual to: S.Y.G., P.O. Box 689, Dept. A., Ashland City, TN 37015.

CONCRETE BLAST OR FALLOUT SHELTER — For 10 or larger, plans, doors, vents, blast valves, instructions for building. Explanatory brochure \$5.00. MARCEL M. BARBIER, INC., Dept. ASG, P.O. Box 2905, Reston, VA 22090, (703) 860-1275.

SECURITY, SURVIVAL, EMERGENCY: Funds information and equipment before "it" happens! \$10.00 membership Pkg. — I.S.W.A.A.T. 2310, Dept. ASG, Phila, PA 19103.

DEADLY FORCE! Hi-tech ammunition now legal. Catalog \$2. Crazy Bob's Gun Shop, Dept. ASG, Box 316, Owensboro, KY 42302.

STOP RENTING FROM TV. CABLE COMPANIES! Now you can SAVE HUNDREDS, by owning your own cable converter. With only 2 day delivery and FULL WARRANTY, it's never been a better opportunity. 1-800-695-CABL Hitek Systems, 2228 S. El Camino, Dept. ASG, San Mateo, CA 94402.

YOUR FBI FILE. Find out if the FBI has a file on you and what that file contains. To receive form and all information necessary send check or money order for \$10 to: Bureau of Information, P.O. Box 90805, Dept. ASG, Henderson, NV 89015.

INVENTIVE CIVIL DEFENSE HOBBY. Ingenious project under your house. Report \$3.00. Write Ken Snyder, Box 418F, Dept. ASG, Blaine, WA 98230.

JOBS \$100 to \$1000 daily. Overseas! Statewide! Free list. Zincs 144, Box 13110, Dept. ASG, Las Vegas, NV 89112.

IS IT TRUE... JEEPS FOR \$44 through the Government? Call for facts! 1-708-742-1142 Ext. 9799-A.

CHEMICAL NON-LETHAL DEFENSE DEVICES, HIGH-QUALITY FIRST AID KITS, STUN GUNS (wholesale only) Catalog \$4 refundable. H.P. Merchandise Co., P.O. Box 9035, Dept. ASG, Salt Lake City, UT 84109.

CONFIDENTIAL COMMUNICATIONS: Remailing, Retyping, Storing, Receiving, Phone messages, catalog orders. Maintain year-round address. Professional/Anonymous. Full service \$15.00 monthly. Details \$2.00. Information Services Unlimited, Box 156 WVS, Dept. ASG, Binghamton, NY 13905.

DON'T SETTLE FOR LESS! Brand new U.S. military specification BDU's. Tigerstripe, Woodland, Gray Woodland, O.D., Desert Tan, Gray or Black. Jacket or pants XS to Large \$28.00, XL \$32.00, XXL \$34.00. M-60 Type Padded, Universal, adjustable sling \$7.95. Universal silent sling \$3.75. Custom, Load Bearing Equipment Vests, Mil-Spec. materials. Holds 12 rifle magazines, or 48 shotgun rounds, or 12 SMG magazines (Specify). Plus extra gear pockets. S/Med, L/XL \$79.00. Include shipping. Visa or Mastercard accepted. TMP Box 133, Dept. ASG, Custer City, PA 16725. (814) 362-2642.

NEW KARATE TRAINING REVOLVING HANDS. Easy home assembly. Free details. Valles, 7317 Parkland, Dept. ASG, El Paso, TX 79925.

RUVEL & CO., INC. U.S. GOVERNMENT SURPLUS — USN Leather Flyers Jacket Type G-1 or Type A-2 USAAF Leather Pilot's Jacket Brand New Size 36 to 46 \$215.00. Size 48 & 50 \$235.00. BDU Leaf Pattern Camouflage Jackets or Pants \$28.50 XL \$32.50, XXL \$38.50. BDU's Olive Green, White, Desert Khaki, Urban Camouflage, Black or Tiger Striped Jackets or pants \$28.50, XL \$32.50, XXL \$38.50. New M65 Army Field Jackets S,M,L, XL OD, leaf Camouflage, Tiger Striped, Desert Tan or Black \$52.50. New M65 Liner \$19.95. USAF MA1 Intermediate Flyers Jacket, U.S. Mfg. Sage Green, Black or Woodland Camouflage Reverses to Blaze Orange XS to XL \$54.75. GI N3B-type Snorkel Parka Extreme Cold Weather S, M, L, XL \$125.00. US Army M9A1 Gas Masks w/carrying bag \$37.50. New Extra Gas Mask Filters \$8.00. Army Fatigue Caps with earflaps OD or Woodland Camouflage Size 7 to 7 1/4 \$85.00 U.S. Army Current Issue Intermediate Cold Weather Sleeping Bags \$95.00. Extreme Cold Weather Sleeping Bags \$185.00. New GI 45 Shoulder Holsters, tan, \$12.95. Current Issue GI Pistol Belt w/Plastic Buckle \$12.00. Carbine 30 rd. mags \$6.50. GI 30-rd. Carbine Magazine Pouch holds 4 magazines \$7.50. Two 15 rd. Mags & Belt Pouch \$4.50. Carbine Bayonet w/sheath \$27.75. M14 20 rd. Mags \$11.50. M14 Cleaning Tool Set \$10.50. AR15 Cleaning Kit w/case \$12.50. New GI OD 10 Pocket Cartridge Belt \$17.50 Khaki \$22.50. M1911. 45 Auto Mags \$7.00. WWI .45 Double Pouch \$2.50. AR15 30 rd. Mags \$8.95. GI AR15 M7 Bayonet w/sheath \$27.00. AR15 nylon 30 rd. Ammo pouch \$8.95. GI Angle head flashlights \$6.35. Army-Marine GI Compass, Hat cords red, blue, yellow, officer's gold and black \$5.75. Complete listings found in 1990 Army-Navy Store 64-page Catalog. Send \$2.00 (free with \$10.00 order). All items very good unless otherwise stated. Prices plus delivery charge and local sales tax where applicable. Check, MasterCard, VISA accepted. Illinois residents add 7% sales tax. RUVEL & CO. INC. 4128-30 W. Belmont Ave. Dept. ASG, Chicago, IL 60641 (312) 286-9494.

American Survival Guide's Classified Advertising rate is 75 cents per word, per single insertion, including the advertiser's name, address and zip code. There is no charge for the words "Dept. ASG." Minimum charge is \$11.25 for three lines. No cash-with-order or frequency discounts are allowed. All advertisers must include name, street address or post office box number. Type or print your advertisement word for word and mail it with check or money order to American Survival Guide, Classified Advertising, 2145 W. La Palma Ave., Anaheim, CA 92801. ASG does not verify the validity of every classified advertisement published. ASG reserves the right to reject any and all advertising deemed inappropriate for the magazine.

CLASSIFIED AD ORDER FORM

CLASSIFICATION _____

Name _____

Street Address or P.O. Box _____

City _____ State _____ Zip _____

MAIL TO: American Survival Guide, Classified Advertising Department
McMullen Publishing, Inc., 2145 West La Palma Ave., Anaheim, CA 92801.

Unloading the Defender

In reading the article on the USRAC Winchester Defender shotgun in your February 1990 edition, I noted that the author recommended unloading live rounds from the magazine by cycling them through the action. Considering the number of accidental discharges that have taken place around the country and over the years when police and military issue shotguns were unloaded in this manner, I feel that a safer method should have been outlined, as follows: Hold the shotgun with the left hand around the barrel and magazine tube just forward of the receiver with the shotgun on its side, loading port to the right. Reach into the loading port with the right thumb and depress the shell stop (located on the left side of the receiver wall) and let the shell that is released push your thumb back. Remove the shell and repeat the procedure until the magazine is empty. After the magazine is empty (easily verified visually), cycle the action open to ensure the chamber is also empty. As far as I know, this procedure will work with all pump action shotguns. I realize that the photograph accompanying the article in question shows the shooter using his trigger finger to depress the disconnecter (no finger near the trigger) but, please remember Murphy's Law, "Anything that can go wrong, will." In addition to being a safer method of unloading, the shells do not have to fall on the ground where they can be damaged or lost. They are always under control of the hand used to release them from the magazine.

Walter C. Speake, Jr.
Tacoma, Washington

Pornographic Ads?

I find your magazine and articles straight forward and easy to read. When I turned to page 23 of the February 1990 issue I was quite shocked to see the advertisement. I had let down my guard, then, *wham*. Pornography is a major part of the break down of society and one reason for survival magazines in the first place!

Paul Finch
Ashland, Oregon

We don't consider this ad to be pornographic. However, we are aware it was offensive to some readers and we will not be running it again.

Libertarian Party

As a member of the NRA and a subscriber to your magazine, I read in

every issue the growing strength of the anti-gun advocates and ironically with officials I even voted for. I believe it's time to look at the third largest political party, the Libertarian Party. Tell the politicians "hands off" and show them at the polls. The big two have failed, let's give someone else a try.

David Luff
Sterling, Virginia

Voting for Libertarian candidates may aid anti-gun politicians by drawing off votes that otherwise would go to more pro-gun Republicans or Democrats. Remember, 40 million Americans voted for the rabidly anti-gun Michael Dukakis.

Back Issues

I have enjoyed your fine magazine since I discovered it by accident in 1982. I have found it to be entertaining as well as informative. In fact, I have included it in my personal library for reference and so that my children may enjoy it in the future. But my collection is incomplete and no source of back issues seems to be available. If you would publish my address in your letters section I would like to buy from someone the first seven issues Jan 82 to Aug 82. Thank you for your help.

P.M. Fitzwater
773 Garden Ct. Apt. E
Tampa, Florida 33608

AK Designations

Could you please explain what the different types of AK rifles are, such as AKS and AKM? I once thought that AKS meant semiauto and the AKM meant machine gun, but I know now it means something else and I can't quite figure it out. I recently acquired an Egyptian AK type rifle made by Maadi Company and it is stamped ARM Semi Automatic Rifle and the serial number is S0005755. What does ARM mean?

Larry G. Powell
Elmo, Texas

A good book for reference facts on AK47 rifles is *AK47 The Complete Kalashnikov Family of Assault Rifles* by Duncan Long, available through Paladin Press. We spoke to Duncan Long about your rifle. He believes it is an AKM semiauto version patterned after the Soviet AKM (Avtomat Kala-

shnikova sistemi Modernizirovanniy). These rifles were imported into the U.S. until the cheaper Chinese rifles came on the market. The Soviet AKM, begun in 1959, is a sheet-metal version of earlier AK47 models and was engineered to be more durable and lighter. The AKS is a Chinese semiauto version of the AK, the "S" stands for semiauto.

Political Predators

Your article on the poisonous spiders in the September 1989 issue of *ASG* was very informative and I'd like to compliment the authors on their knowledge of these potentially dangerous little fellows. But I might add that there is in our country a creature whose "sting" has the long term ability to alter the individual thinking responses of the American population. A creature whose sole purpose is to undermine the external immune system of the general population and render its prey open to the subjective rule that it deems necessary to remain "unapproachable" regardless of how extreme its wishes and authoritative powers may seem. And that, of course, is our elitist politicians who decide what they should earn, what you should earn, what you see, read, hear and know. With the combined effect of the government-controlled media and modern subliminal messages, the time to eradicate this dangerous species and re-evaluate our democracy is now. Americans must join together as a force to be reckoned with all across the country before we no longer have the ability to do so. Every day our elected pals are working toward this with no holds barred. We must stop the governmental onslaught while we still can.

Mike Turner
Marston, Missouri

Correction

In the article on the Springfield Armory Super Match M1A Rifle featured in our February issue, it was incorrectly stated in a caption under a photo of the rifle's flash suppressor on page 58 that the gas adjustment is located near the flash suppressor. The gas adjustment is located in front of the forward ends of the stock and handguard. ●

Terrorism in South America

*The Mirista
assault on
Chile...*

By Carl Yaeger

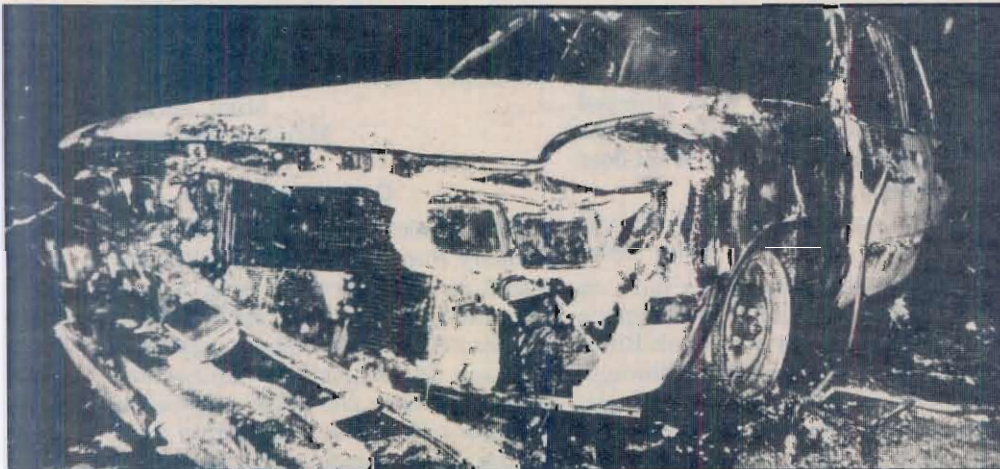
THE terrorist situation in Chile is unique. It is the only country experiencing terrorism where a unit of a 'legitimate' former government has taken up the bomb and the gun, and become a terrorist organization, dedicated to over-throwing the existing government.

The seeds of Chilean terrorism began on November 3, 1970. On that day, Latin America's first democratically elected communist president, Salvador Allende Gossens, was sworn in. Although the new president declared "to faithfully fulfill the post of president of the Republic preserving the integrity and independence of the Nation, and

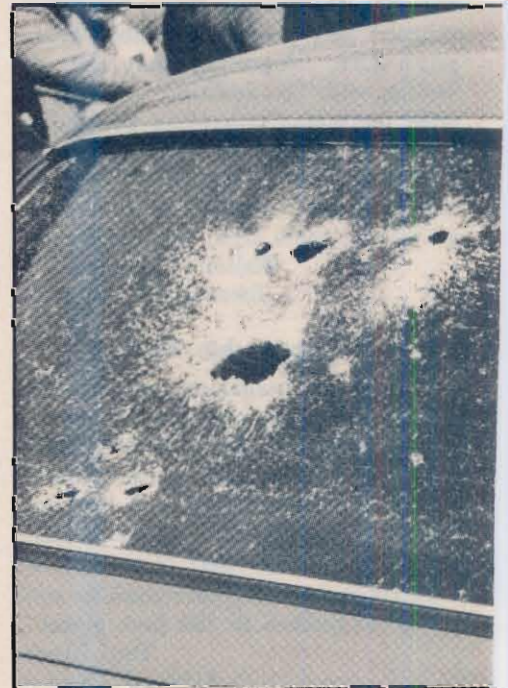
to guard and enforce the Constitution and the laws," it soon became apparent that Allende was marching to a different drum beat other than Chilean nationalism. His drum beat was that of Marxism and the legacy of the Argentine-born revolutionary, Che Guevara, and his goal was to turn Chile into a classic Marxist state.



Partial view of the 3,383 M-16 rifles recently found in northern and central Chile.



One of the cars destroyed in the attack on the presidential convoy on September 7, 1986.



Windshield of the presidential car which was struck by small arms fire and unexploded rockets.

The dream of Che Guevara, the guerrilla communist who was killed in Bolivia in 1967 while trying to create a Marxist Latin America, was about to come true in Allende's Marxist Chile.

Shortly after Allende's assumption to power, Moscow and Havana were pouring in supplies and advisors to the new communist nation.

Chile had always been considered a breadbasket. The nation was almost self-sufficient in foodstuffs and in many consumer goods. It had a large and prosperous middle class, and had avoided much of the political turmoil of coups and counter-coups which ravaged many other Latin American nations. Its armed forces had been, with rare exceptions, apolitical and had left the governing of the nation to civilians.

Chile's economic system was thrown into a tailspin when the Popular Unity Party of Allende decreed that several hundred different companies would come under state control in order to "end monopoly and exploitation." The objective of this program was, of course, to destroy the middle class and any opposition to the Marxist regime. The result of the takeovers and the mismanagement of the economy, was an economic crisis of massive proportions. When Allende took power, inflation was a manageable 34.9 percent, mild, by Latin American standards. This figure reached 163.4 percent in 1972, and in 1973, when the Military Junta took over, it had soared to a peak of 300 percent. Chile was importing foodstuffs and consumer goods in great amounts, mostly poor quality products from communist nations.

The MIR Shock Troops — The *Movimiento de Izquierda Revolucionario*, MIR or Movement of the Revolutionary Left, is a Marxist, largely middle-class guerrilla-terrorist organization, which was founded at the University of Concepcion in 1965. The "Miristas," outlawed by previous governments because of the ties to the Terrorist Tupamoros of Uruguay, and the *Ejercito Revolucionario del Pueblo* of Argentina, quickly became part of Allende's coercive apparatus to communize Chile by becoming the government's shock troops in forcing Allende's takeovers. Formed into armed paramilitary units, and acting directly under the orders of the more extreme elements of the Popular Unity Party — but free from government controls — the Miristas were given quasi-governmental status.

The Miristas engaged in the violent

and illegal seizure of farms and businesses throughout Chile, and attempted to establish liberated zones in the southern provinces and in the workers suburbs of the major cities. The MIR established "Soviets" of workers and peasants and armed them, thus creating a worker's militia to counterbalance the armed forces. Also, the MIR served as Allende's bodyguards — sort of a secret service — and acted as his praetorian guard.

The true nature of MIR violence came to light when General Rene Schneider, the Commander-in-Chief of



Ernesto "Che" Guevara, Castro's former guerrilla theoretician.

the Chilean Armed Forces, was ambushed and assassinated by a Mirista terrorist hit squad. This act, more than any other, set the Chilean armed forces on a collision course with the Allende government and his MIR supporters.

The military leaders of present-day Chile claim that the trigger which toppled the Allende regime — and ultimately his violent death in Moneda Palace, was the discovery of detailed MIR plans to assassinate hundreds of opposition leaders which included senior military officers, conservative politicians and journalists, businessmen, and any others considered a threat to Allende's government. This "night of the long knives" would have taken place on Chile's independence day, 1973.

Huge clandestine arms caches were discovered throughout the country. In the Presidential Palace alone, enough weapons to arm 1,000 men were found. Cuban and Soviet weapons had been flooding the country since Allende's assumption of power and were finding

their way into the hands of MIR paramilitary units.

At 4 a.m. on September 11, 1973, the Junta struck. Army tanks rumbled up to Moneda Palace and fired point blank. The Chilean air force dropped bombs on the Palace and MIR strongholds in Santiago. In the port city of Valparaiso, the naval garrison attacked MIR enclaves and the Carabineros, the internal security police, rounded up thousands of Miristas and other Allende supporters and put them in concentration camps. Many were summarily executed.

Soon, it was all over. Allende was found dead in the rubble of the Presidential Palace, and a new government, the Government Junta of the Armed Forces and the Carabineros of Chile, under the presidency of General Augusto Pinochet, came to power.

Those members of the MIR who were not killed or imprisoned, fled into exile or went underground in Chile to await a new opportunity to strike. Those remnants of the MIR which escaped, became part of the Latin American "terrorist International" — the Junta of Revolutionary Co-Ordination (JCR) which was composed of the Argentinian *Ejercito Revolucionario del Pueblo* (EDP) or Revolutionary Army of the People, and the now-defeated Tupamoros from Uruguay, and the Bolivian *Ejercito de Liberacion Nacional* (ELN) or National Liberation Army. These three terrorist-guerrilla organizations developed a war chest of \$5 million, mostly from sympathetic nations such as Cuba, the Soviet Union, and the Third World. The money was used to fund operations throughout Europe, arms procurement, and the production of a revolutionary journal entitled *Che Guevara*.

The highest priority of the JCR was the overthrow of the Chilean military government, and the assassination of Augusto Pinochet.

Chile is a special target for communist terrorism because it is the only country to successfully overthrow a communist regime.

The late leader Leonid Brezhnev provided a clue to the impact in the Kremlin of what happened on September 11, 1973 in Chile. In a speech of January 13, 1980, explaining the Soviet invasion of Afghanistan, Brezhnev said: "... the time came when we no longer could fail to respond to the request of friendly Afghanistan. To have acted otherwise, would have meant leaving Afghanistan to the prey of imperialism, allowing the aggress-

Terrorism in South America

sive forces of reaction to repeat in that country, what they had succeeded in doing in Chile. . ."

In 1980, the Kremlin, the underground Communist Party of Chile (PCC) and the Soviet KGB, began a program of subversion based on terror. The MIR, and a new group, the Manuel Rodriguez Patriotic Front (FPMR) named after a 19th Century Chilean hero, launched a campaign of destabilization and terror shortly after Brezhnev's speech.

A Strategy of Terror — An April 1985 report by the PCC's political commission to its central committee laid out a strategy of terror. It stated. . . "We believe that it will take a mass uprising, to overthrow the dictatorship. We refer to a state of general rebellion, proceeded by a campaign of terror, that will truly paralyze the country: popular action in the key urban centers with decisive participation of the industrial proletariat, students, middle strata and peasants. This action must be backed by effective blows to paralyze the dictatorship and help to accelerate the moral and political disintegration of its repressive forces. This process should culminate in the capture by the masses of the main political centers of the country."

The PCC has developed an elaborate underground organization which has been in existence since 1922, when the PCC was founded. It is the largest Communist Party in Latin America, after Cuba's. It was merged with the People's Democratic Movement (MDP), the pro-Soviet Clodomiro Almeyda faction of the Chilean Socialist Party, directed from East Germany, and the action agencies which would carry out the "campaign of terror" of the coalition, are the MIR and the FPMR.

Since 1973, thousands of MIR militants had received terrorist training in Cuba the Soviet Union, and the Middle East, and have reinfiltated back into Chile. Most of the training took six months or more and, when completed, Cuba assisted their return with false passports and identification papers, and insertion by trawlers or even submarines. Towards the end of 1980, several hundred Miristas were already in place. According to MIR leader Pascla Allende, the late president's nephew, 1986 would see the beginning of the final campaign to get

rid of Pinochet and return Chile to Marxism.

The MIR is believed to have about 4,000 members in Chile at the present time, and the FPMR about 2,000-6,000 in all, in a country with a population of 12 million. That would be the equivalent of a terrorist guerrilla force of 120,000 in the United States.

In the terrorist phase of the "Comeback Plan," the Mirista-Manuel Rodriguez terrorists have been responsible for the following actions:

1983 — a series of bombings against electrical utilities throughout Chile.

1984 — FPMR commandos bombed or shot at police or military installations eight times killing four and

stas and five Bolivians, all trainees at a guerrilla training camp, were arrested by the Bolivian army.

In early 1984, two Miristas were arrested in northern Peru driving a truck carrying a large quantity of arms destined for Chile.

In October 1985, Bolivian police raided a safe house in La Paz, where an FPMR support center was operating. They arrested Bolivian, Argentine, and Chilean nationals and found materials for falsifying documents, a direct-access telephone link to Havana, and an arms cache consisting of M-16 rifles, Soviet RPG-7 rocket launchers, and mortars.

That same month, Peruvian police



One of the Soviet rocket launchers used in the assassination attempt of September 7, 1986.

wounding five.

1985 — MIR-FPMR car bombs were exploded 11 times. One was outside the U.S. Consulate.

1984-1985 — Both groups carried out a series of kidnappings. The small son of a wealthy Santiago businessman was kidnapped, and a huge ransom paid. An official of Chile's national police, and a high ranking officer of the Santiago army garrison was kidnapped.

The PCC/MIR/FPMR assault on the Pinochet regime has all of the earmarks of a total Latin American terrorist effort, involving many different groups outside of those of the JCR. The MIR has solicited the support of those groups in nations bordering Chile in order to have access to training areas and supplies. Some evidences are:

In October 1983, two Chilean Miri-

discovered an arsenal of 1,000 rifles, 500 mortars, boxes of grenades, portable radar sets, outboard motors, and other war materials southeast of Tacna, Peru. Peruvians, Bolivians, Argentines, and Chileans were arrested for carrying false personal documentation, among other charges. The documents and weapons were later traced to Libya.

On August 6, 1986, Chilean security forces discovered the first of four caches of a 20-ton guerrilla-terrorist arsenal hidden in abandoned mine shafts 400 miles north of Santiago, along Chile's mostly deserted coastline. Later, several additional caches from the same shipment found in Santiago and two other towns, raised the total arms discovered to 50 tons.

Twenty-nine members of the PCC and affiliated groups (MIR and FPMR)

had been arrested by mid-September. They told the 'interrogators' of DINA, Chile's ruthless secret police, that a similar shipment had been brought ashore from the Cuban trawler, *Rio Najasa*, lying at anchor outside of the country's 200-mile limit. Arms from that shipment had already been distributed to extremists in the country.

This fantastic haul of arms proved the obsession that both Moscow and Havana had about overthrowing Pinochet. The arms caches included the following:

3,383 M-16 rifles which were "sanitized and recycled" from captured American stocks in South Vietnam, 114 RPG-7 Soviet Rocket launchers, 148 Belgian FAL rifles, 2 million rounds of ammunition, 4,000 rockets and projectiles, 117 Soviet pistols, 2 tons of TNT, fuses, and detonators, and hundreds of boxes of C-4 plastic explosives.

George Jones, deputy U.S. Chief of Mission in Santiago, stated that the Chilean arms caches constituted the largest quantity of weapons ever reported by a Latin American nation. There was no doubt about it, the PCC and its MIR/FPMR hit men were planning a full-scale war, and these were the weapons with which to wage it. The signal for the beginning of the war was to be a cataclysmic event.

Assassination Attempt — The trigger for the uprising against the Military Junta was almost a repeat of the "night of the long knives" of 1973. The weapons were in place for distribution but, instead of hundreds being singled out for elimination, the general rebellion and the all-out terrorist assault would begin with the assassination of General Pinochet.

On September 7, 1986, the president and members of his staff, were traveling in a protected motorcade on a canyon road some 18 miles south of Santiago. Twenty-five guerrilla-terrorists, a combined MIR-FPMR hit squad, lay in ambush with an assortment of weapons which would "guarantee" the president's death. A volley of rocket and automatic rifle fire raked the presidential convoy. Five members of Pinochet's guard detail were killed and nine others were wounded, but the president was only slightly injured. Skillful evasive driving by his chauffeur enabled him to escape.

The MIR/FPMR is constantly seeking new targets, especially those which represent North American interests. One institution which has been targeted in Chile in 1989, is the Church

of Jesus Christ of Latter-Day Saints, or "the Mormons."

Mormon chapels have been dynamited with increasing frequency, although neither members nor missionaries have been harmed as they have been in Bolivia. The Mormon Church is perceived by the MIR/FPMR as an agency of North American imperialism; an arm of American capitalism masquerading as a religious organization and headquartered in Utah.

And so, little has changed since. Pinochet is still in power and the Junta is firmly entrenched. Despite promises of future elections, Pinochet rules Chile with an iron hand and with the ruthless assistance of the armed forces, and anti-terrorist organizations such as DINA, and the carabineros. The MIR/FPMR are still active, though slightly battered after the massive sweeps since the assassination attempt, and arms are still being smuggled into Chile over the Andes, and from the sea.

In 1966, Fidel Castro hosted the Tri-Continental Conference in Havana and "liberation fighters" from the three Third World continents of Asia, Africa, and Latin America attended to plan and co-ordinate a unified assault against the forces of imperialism.

Ernesto "Che" Guevara, Fidel Castro's guerrilla theoretician, devised the strategy of entering Bolivia, a poor landlocked nation bordering on five other countries, and launching a guerrilla war which would spread continent wide. Fortunately, for Bolivia and the rest of South America, his strategy failed. The capture and subsequent execution of Guevara by tough, U.S.-trained Bolivian rangers, proved the risks — and perhaps the obsolescence of rural guerrilla war.

A new strategy was adopted shortly after his death in 1967. Carlos Marighella, the veteran Brazilian terrorist wrote a small volume titled *The Mini-manual of the Urban Guerrilla*, which is now required reading by terrorist groups around the world. The *Mini-Manual* signaled the shift of emphasis — from the dangerous countryside, to the sanctuary of the cities.

Although the strategy of Che Guevara's rural guerrilla warfare may be overshadowed by Marighella's, Che Guevara is still the patron saint of the "liberation struggle."

What effects the recent reverses of communism in Eastern Europe and liberalization of the political system in the Soviet Union will have on groups such as the MIR and FPMR are unknown at present. ●

AD INDEX

Adventurer's Outpost	31
Airpower Sabot Cannons	37
Anchor Publishing	63
Armament	63
Atlanta Discount Ammo	65
B-Square	31
B.M.F. Activators	59
Berdan Corporation	63
BK & T Corp.	43
Brigade Quartermasters	69
Butokukai	C/3
C E P, Inc.	7
Canon Hydrotech	22
Catoctin Cutlery	35, 61
China Diesel Imports	C/4
Classic Selections	23
Crawford Knives	61
Cutlery Shoppe	C/2
Delta Arms	63
Delta Press	59, 65
Den-Jon Construction, Inc.	68
Dutchman, The	19
Ed's Army/Navy Surplus Store	69
Feather Enterprises	31
Foothills Fastprint Photo ID	69
Great Lakes Distributing	65
Guardian Personal Security	11
Gunmachine	59
Iron Press	51
JMC Enterprises	68
L.L. Baston Company	51
Listen Electronics	69
LRRP Security Services, Inc.	65
Max Capacity Products	63
Midwest Sport Distributors, Inc.	51, 69
MK Arms, Inc.	63
Nitro-Pak Storage Foods	8
Northern Sales	68
Orpheus Industries	51
Paladin Press	5
R.P. Knives	65
Ralph Stevens	49
Rhino Replacement Parts	65
Safetex Enterprises	23
SI/Survival, Inc.	9
Sierra Supply	22, 35
Smoky Mountain Knife Works	65
SOG Specialty Knives	39, 40, 41, 42
Split Second Security, Inc.	68
Spyderco	37
Spye Knife Company	33
Staff of Life Preparedness	3
Steve Arnold's Gun Room	21
Sun Mar	69
Survival Books/Larder Book	31
Survival Center, The	33
TES Enterprises	69
TRG Mfg., Inc.	37, 43
Trinity Chemicals	59
U.S. Cavalry	63
Ultimate Self Defense	35
Y.B. Technology	37

Water Safety:

Drowning Prevention

Alcohol plays

a major role

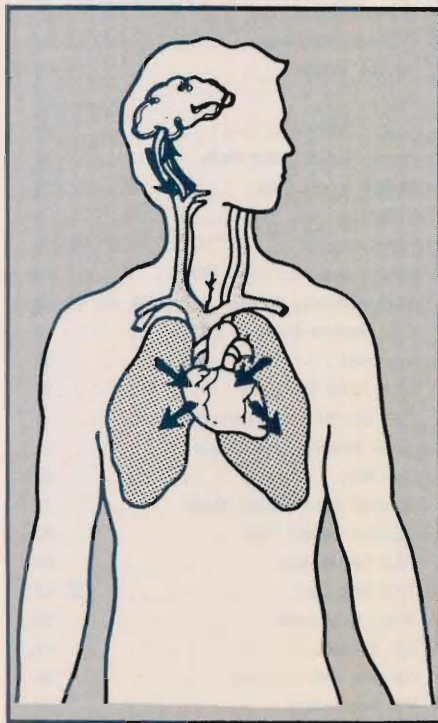
in 80 percent

of all drowning

cases. . .

By Ralph LaPlant

EVERY year about 150,000 people drown, 7,000 in the United States alone. 90 percent drown within 10 yards of safety. Males drown 3 to 5 times more frequently than females and this increases to 30 times in the



Mammalian Dive Reflex

The H.E.L.P. position will lessen body heat loss. (Reprinted by permission of the National Rifle Association of America).



younger age groups. Drowning is the third most common cause of death in infants, following neonatal mortality and motor vehicle accidents.

Contributing causes in children can include lack of supervision, intoxicated supervising adults, child neglect and abuse, and parents not knowing who is watching the child.

In adults contributing factors can include alcohol (in up to 80 percent), boating mishaps, poor or no swimming ability, injuries, medical problems (heart attacks, strokes, suicides, etc.), bad weather, getting tangled in weeds or rope, and cold (hypothermia).

Before we talk about what should be done for the drowning person, let's talk about preventative measures. It would seem that if alcohol is a contributing factor in up to 80 percent of the cases, refraining from it would be prudent when near the water. Another thing that would help matters greatly is the wearing of PFDs (personal flotation devices). In Minnesota, where I live, it is required that every person on board a watercraft wear or have readily accessible a Coast Guard approved Type I, II, III, or IV personal flotation device (PFD) which is in serviceable condition. Furthermore, it must be of the appropriate size for the intended wearer, if it is the type that is to be worn. In 1988 Minnesota set requirements that included waterfowl

hunters to have PFDs accessible also.

There are 4 basic types of PFDs. The Type I is a vest or yoke type device generally found on commercial craft. It is designed to turn most unconscious persons from a face downward to a face up position in the water.

The Type II is a buoyant vest that often looks like a horse collar and is worn like a bib. It has the same turning ability as a Type I, but will not turn as many persons under similar conditions.

The Type III PFDs are special purpose. These are foam filled usually, and come in a variety of colors and styles, including vests for sailing, canoeing, water-skiing, hunting, and general boating as well as full-sleeved jackets. They will not upright an individual, but offer the protection against immersion hypothermia.

Type IV PFDs include buoyant cushions or ring buoys. These are not designed for wearing. These, as all other PFDs should be checked periodically to assure that they are still in serviceable condition.

Let's assume that the PFD has been worn (if not that, close enough to be grabbed) and you are in the water. It is important to remember that body heat is lost up to 30 times greater in water than in air and cold water is not going to help matters. Keeping your head out of the water is impor-

Type I personal flotation devices (PFDs) are shaped like a vest or yoke and are found on most commercial craft.



Type II PFDs are buoyant vests that resemble a horse collar and are worn like a bib.



tant, not only for the fact that you will be able to breathe, but that 50 percent of body heat is lost from the head. The neck, sides, and groin are other high heat loss areas. There is a position, the H.E.L.P. (heat escape lessening posture). This position increases the time that it takes for heat

to leave the body. It should be noted that some PFDs prohibit such a position and that a partial H.E.L.P. position is better than none. If you are not alone, huddle with others.

Swimming to shore is usually not suggested as some victims are not good swimmers to begin with and the cold

water does not help. Staying with the watercraft is suggested as it is easy to spot compared to a person. Swim only if there is no chance of being rescued, and if at all possible, have a PFD with you.

OK, you are not the victim, but the rescuer. Do not go into the water to save someone unless you are a good swimmer and have been trained in water rescue.

If the victim is responsive and close, you can hold out an object and have him or her grab it, allowing you to pull them to safety. A branch, oar, stick, anything similar should work. You can possibly grab the person, making sure that you will not be pulled into the water by strong current or the victim himself.

If the victim is alert, but too far to reach an object held out to him, you can throw an object that will float. A PFD is great. Other objects that float are air mattresses, inner tubes, coolers, boards, lots of things. Once this reaches the victim, try to tow him to shore if it is attached to a line. When you pull, make sure you are safe, being no deeper than waist deep if you are wading out.

If the victim is too far away to reach for handing or throwing an object, you can row a boat to him. Wear a PFD! If the victim is conscious, have him grab the stern of the boat. You can hand an oar also to help him get into the boat. It can be very tricky, especially in a canoe to have a victim board. Be careful.

Medically we have priorities. The airway, breathing, and circulation status of the victim must be established. All water accident victims are considered to have neck and back injuries until proven otherwise. Hypothermia has to be considered. Other injuries and illnesses should be considered also. Let's sort this out.

If the victim is alert, we can rule out major airway, breathing and circulation problems. There could be a spinal injury, hypothermia, or other problems. The good news is that for now, the ABCs are intact.

If the victim is not responsive, we must, as soon as we can reach him, open the airway and assure that he is breathing on his own or with our help. This can be done with the victim in the water, the head above the water line. The head-tilt/chin-lift maneuver is suggested in most cases for opening an airway, but if there is suspicion of a spinal injury, try to use the jaw-thrust maneuver. The priority is an open airway, but again try to be con-

Drowning Prevention

siderate as to the possibility of a spinal injury. If there is breathing, great. If not, give mouth to mouth ventilations. Don't worry about whether there is a pulse or not until you get the individual onto a flat surface as you can not do external chest compressions otherwise. Once there, check for a pulse, and do chest compressions if need be.

I feel it is important at this time to mention MDR, the mammalian dive reflex. When the face is immersed in cold water, blood circulation concentrates on the core of the body, mainly the heart, lungs, and the brain. This can extend the survival time of an individual who is not breathing, or not breathing and having no heart beat from the normal 4-6 minutes to over 45 minutes. Contributing factors to the MDR are age, the younger the better, and cold water.

It seems that the mammalian dive reflex is strongest at birth and slowly decreases with age. Cold water is what induces the MDR. Water below 70 degrees F. Even in summer the water temperature is below 70 degrees F. below the thermocline. The point of all this is that all drowning victims should have resuscitation attempted on them. Even the "obviously dead." Immersion hypothermia causes a slowing of body metabolism, apnea (stoppage of breathing), and bradycardia (slow pulse rate). Don't be fooled! Try!

As far as the spinal injuries go, the removal of a victim from the water should cause no twisting, bending, or shaking. Maintain body alignment if at all possible. Ideally a backboard or similar device can be slid under the victim. If no backboard is available, try to have enough helpers lifting and removing the victim as a unit. One person in charge works best while doing this.

Once the victim is removed, you can treat other problems as priorities allow. If hypothermia presents itself, remove all wet clothing as soon as possible and wrap the victim in blankets or a sleeping bag. Again, remember to cover the head, groin, and sides of the chest. Do not allow victims that have been rewarmed to walk, as stagnant blood, possibly cool, can circulate into the body's core. This can cause "afterdrop." For the same reason, hypothermia victims should be treated carefully.

One question often asked is "should



Type III PFDs are vests made for specific sports like water skiing, sailing, canoeing or jet skiing. They offer protection against hypothermia.



Type IV PFDs are not designed for wearing. These include cushions and ring buoys used for rescuing overboard victims.

I get the water out of their lungs?" Let's look at the drowning process itself. Initially there is panic, a struggle, and breath holding. The victim swallows large amounts of water and vomits and aspirates (sucks it into the windpipe). This is a wet drowning. In a dry drowning, the victim has a laryngospasm that prevents water from getting into the lungs. When the laryn-

gospasm relaxes, the victim is not breathing and little, if any water enters.

In either case, do not waste time getting water out of the lungs, but get oxygen into the lungs.

Once we educate people to avoid alcohol, wear PFDs, take C.P.R. courses, and keep a closer eye on children, we should be able to drop the near drowning and drowning statistics. ●



THE DEFENSIVE SHOTGUN:

Louis Awerbuck, firearms expert and author, covers all aspects of defending yourself with a shotgun. Including Ammunition, Patterning, Choking, Loading And Downloading, Shooting, Selecting Different Ammunition, Multiple Targets, Snap Shooting, Braced Shooting Positions, Carry Slings, Shooting On The Move, Tactics, and One-Handed Operation. Don't miss this one if you're a shotgun owner!

412 \$10.95



THE FIRECRACKER COOKBOOK

A thorough, well written guide on how to safely make homemade fireworks including M-80's, cherry bombs, triangle firecrackers, delayed ignition devices, rocket aerial bombs, and how to make your own flash-light torpedoes (these explode with a flash and a bang when thrown against a hard surface). Simple detailed instructions. ORDER NOW!

B-107 \$8.00



ADVANCED HOME-MADE FIREWORKS

Learn to safely make fireworks at home that really work. *Advanced Homemade Fireworks* covers in detail how to make skyrockets, pinwheels, roman candles, aerial bomb shells, fountains, cherry bombs & M-80's. Complete explanation of each chemical & its use makes the manufacture of homemade fireworks easy for even the novice. A must for anyone interested in homemade pyrotechnics.

B-103 \$8.00



TWO COMPONENT HIGH EXPLOSIVE MIXTURES

The material in this volume never reached our overt and covert operatives before the program was phased out. The emphasis in these tests was to produce extremely powerful, yet easily made explosives by combining two compounds which separately were very safe to handle. One of the explosives covered, Astrolite A-1-5, is the world's most powerful non-nuclear explosive. 5' x 8' softcover, 28 pages, illus.

251 \$4.95



RANGER TRAINING



RANGER TRAINING

(FM 21-50) Official training manual for the U.S. Army's tough, proven Rangers. Illustrated coverage of such topics as operations against guerrilla action, night operations, raids, patrolling, ambush and roadblock techniques, intelligence, hand to hand combat, physical conditioning, tactical training, demo, mines, boobytraps, ropes and knots and a history of the Rangers.

RT \$3.95

MAC-10

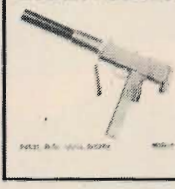


MAC-10 COOKBOOK

Complete technical and historical information covering all MAC-10 submachine guns. From the "Powder Springs" version up through the latest look-alike, the Partisan Avenger. Also, the RPB, Cobray and the MAC of Stephenville, Texas. This book becomes an "owner's manual" for just about any MAC you might have. For both semiauto and select-fire versions. Loaded with pictures and drawings. Photos of dozens of accessories.

310 \$6.95

FIREARM SILENCERS



FIREARM SILENCERS

This study shows that the famous Maxim silencer was developed as just one of several Maxim-designed antinoise pollution devices! Covert and mob silencers are covered, along with the history of silencers, how they work, and patent drawings of some of the more important silencer developments in the U.S. 8' x 11', softcover, illus., 44 pp.

FP-1 \$9.95

S.W.A.T. MAGAZINE SPECIALS

ALL MAGAZINES ARE 8 1/2" x 11", 80-100 PAGES.



AR-15/M-16 AMERICA'S ASSAULT RIFLE

A compilation of past published and new articles on the AR-15 and M-16 assault rifles. From history to current modifications, a must for every AR-15/M-16 owner and weapon enthusiast.

S.W.A.T. SP. 1 \$3.95



.22 CALIBER FIREPOWER

This issue is devoted to the .22. There are articles on 22 machine guns, silenced pistols and rifles, military look-alike guns, defense accessories, tests and modifications. Literally a Treasure Chest of exciting .22 caliber information.

S.W.A.T. SP. 3 \$3.95



HI-CAPACITY 9MM PISTOLS

The hot new guns that have taken America by storm, the "Hi-Capacity 9mm Pistols." We've covered all the bases here, from police to competition. This is the book for you if you're planning to buy a high-capacity nine or already own one!

S.W.A.T. SP. 4 \$3.95

BUTOKUKAI IS NOW THE LEADING SUPPLIER OF MANUALS FOR FULL-AUTO CONVERSIONS AND HOMEMADE SUPPRESSORS. EACH WAS RESEARCHED AND/OR WRITTEN BY A LICENSED CLASS II AUTOMATIC WEAPONS MANUFACTURER AND/OR A PROFESSIONAL MACHINIST WITH AN EYE TO MAKING THE CONVERSION/MANUFACTURING PROCESSES AS SIMPLE AND PRACTICAL AS POSSIBLE. AND DON'T LET THE TERM "HOMEMADE" SUPPRESSOR FOOL YOU—THESE MANUALS CLEARLY DESCRIBE THE MATERIALS AND STEPS NEEDED TO MAKE PROFESSIONAL QUALITY SUPPRESSORS.

FULL-AUTO

SUPPRESSORS

AR-15 — Stk. # 061	\$6.00
MAC 10 — Stk. # 010	\$6.00
KG-99 — Stk. # KG-99	\$8.00
Ruger 10/22 — Stk. # 10/22	\$8.00
H&K 91/93 — Stk. # HK 91/93	\$8.00
Selective Fire UZI — Stk. # FP-4	\$10.00
UZI — Stk. # 036	\$6.00
M1 to M2 — Stk. # 130	\$6.00
AK-22 — Stk. # 022	\$6.00
HK 94 — Stk. # HK 94	\$8.00
Ruger Mini-14 — Stk. # MINI-14	\$8.00
Selective Fire 10/22 — Stk. # 229	\$10.00
STE'N — Stk. # STE'N	\$9.95

Ruger MK 1 — Stk. # Mk1S	\$6.95
Ruger 10/22 — Stk. # 10/22S	\$6.95
UZI — Stk. # UZI-S	\$6.95
MAC 10/11 — Stk. # MAC-S	\$6.95
KG-9 and KG-99 — Stk. # KG-99S	\$6.95
Silencers .223 — Stk. # 223S	\$10.00
Silencer Cookbook — Stk. # FP-3	\$10.00
Firearm Silencers — Stk. # FP-1	\$9.95
AR-7 Rifle — Stk. # AR7-S	\$6.95

24 PAGE FULL-AUTO, WEAPONS & MARTIAL ARTS CATALOG \$1.00
(CATALOG SENT FREE WITH ORDER)

BUTOKUKAI

P.O. Box 430, Dept. SG
Cornville, AZ 86325

NAME			
ADDRESS			
CITY			
STATE		ZIP	
CREDIT CARD NO.			
EXP.		SIGNATURE	
QTY.	STOCK NO.	U.S. FUNDS	TOTAL
WE ACCEPT MONEY ORDERS, CHECKS, S&W MASTERCARD OR VISA. NO COD'S.			\$3.00
(602) 634-6280			TOTAL

Diesel Generators

OWN YOUR OWN ELECTRIC COMPANY!

Give your family a dependable, economical power source for daily or emergency use! Order your diesel-powered electric company direct from the importer today and save! 30-day money-back guarantee!

12,000 WATT MODEL just **\$2995***
with electric starter (\$9,000 retail value)
Many other models to choose from

ORDER NOW! (619) 669-1995

FREE color literature!



China Diesel Imports,
15749 LYONS VALLEY ROAD, JAMUL, CA 92035

WORLD'S LARGEST DIRECT SUPPLIER OF DIESEL-POWERED GENERATORS
Prices and specifications subject to change. Prices do not include shipping.
California residents add 6½% sales tax.

11th
ANNIVERSARY
SPECIAL

CALL NOW OR SEND COUPON TODAY FOR COMPLETE INFORMATION.

Name

Address

City State Zip Phone ()

China Diesel Imports, 15749 Lyons Valley Road, Jamul, CA 92035.